

ECKERD COLLEGE

ST. PETERSBURG, FLORIDA



1998-2000 Catalog



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On the Cover

The Trumpet Triton shell, *Charonia tritonis linne*, is a fitting symbol for the waterfront home of the Eckerd College Tritons.



ECKERD COLLEGE

St. Petersburg, Florida

AN INTRODUCTION

The basic mission of Eckerd College is to aid the personal development of humane and competent persons of all ages to learn, lead, and serve in the local, national, and even international realms of a pluralistic and increasingly complex society. In so doing, Eckerd College has as its ultimate aims to assist persons to fulfill their God given potential, to improve the quality of life in our society at large and, more specifically, to contribute to the vitality of congregations which are local expressions of the Christian Church.

Eckerd College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097, Tel. 404-679-4501) to award the Bachelor of Arts and Bachelor of Science degrees. A coeducational college of the liberal arts and sciences, it is related by covenant to the Presbyterian Church (U.S.A.). The campus is located on 267 acres of tropical waterfront property in a suburban area of St. Petersburg, Florida.

The school was founded in 1958 as Florida Presbyterian College and admitted its first students in 1960. In 1972, the college's name was changed to honor Jack M. Eckerd, a prominent Florida civic leader and businessman whose gifts and commitments to the institution have helped to insure its continuing excellence. More than 8,000 graduates are seeking to lead lives of leadership and service in communities throughout the world.

ECKERD COLLEGE BASIC COMMITMENTS

This catalog is designed to give a comprehensive picture of Eckerd College. We are proud of what we have achieved, and welcome the reader to join us in an exciting and continuing educational adventure. As you read this document, you should be aware of certain basic commitments that have guided the college's history and planning. These commitments and the efforts to achieve them have enabled Eckerd College to be distinctive among the 3,000 colleges and universities in the United States.

THE COMMITMENT TO INDIVIDUAL DEVELOPMENT

The primary purpose of the educational program is to foster the personal development of each student. We seek to prepare students for the basic responsibilities of life, and especially for competent, humane leadership and service. We are vitally concerned with the development of *whole* persons, and therefore encourage the intellectual, spiritual, cultural, social, emotional and physical growth of each student. While education is a lifelong process the Eckerd experience is designed to assist students to go beyond the limitations imposed by ignorance, narrowness, conformity, self-centeredness, and irresponsibility. Our aims are to help individuals achieve excellence in thought and conduct; and to spark their imagination about future possibilities.

THE COMMITMENT TO CHRISTIAN VALUES

Eckerd College seeks to combine the Christian faith and liberal education in the belief that a Christian college is better able to contribute to individual development than any other type of college. To give focus to its Christian commitment, the college maintains an active covenant relationship with the Presbyterian Church, (U.S.A.); however, the college community is not narrowly sectarian. It includes among its faculty, students, and staff individuals of many denominations, faiths and points of view.

As a church-related college community, we seek to give the Christian faith a full hearing in a setting where students are free to accept or reject, but not ignore it. Confident in the belief that all

truth is of God, we seek to develop an atmosphere of free and open inquiry into all aspects of faith and knowledge. Our aim is to assist students to clarify their beliefs, assess their values, and learn to act responsibly on the basis of their convictions.

THE COMMITMENT OF FACULTY TO STUDENTS

The relatively small size of the Eckerd student body allows numerous opportunities for close personal relationships between students and faculty. Each Eckerd student has a faculty academic adviser, known as a "Mentor," who seeks to facilitate the total growth of students and helps them to get the most out of their college years.

Because the faculty is committed to the primary importance of teaching, it has developed a reputation for excellence in the teaching of undergraduates. Many Eckerd College faculty members are engaged in primary scholarship and artistic creativity and, wherever possible seek to involve students in these enterprises. The intention of the faculty is to provide an educational environment characterized by high expectation, personal attention and enthusiasm for learning.

THE COMMITMENT TO GENERAL EDUCATION

While Eckerd College is committed to helping students develop competence in a specific field of study, it is equally committed to general education.

The general education program is designed to provide a foundation for lifelong learning by helping students to develop a love for learning, acquire an informed awareness of the major elements of their cultural heritage, explore various perspectives on the central concerns of human existence, assume increased responsibility for their own growth, and master the skills that are necessary to understand and deal with a rapidly changing and increasingly complex world.

The general education program for entering Freshmen is made up of the autumn term project, composition, computation, foreign language, and the Western Heritage in a Global Context sequence in the first year; one course in each of five value-oriented perspectives in the second and third year; and a course in the Quest for Meaning in the Senior year.

THE COMMITMENT TO THE INTEGRATION OF LIBERAL ARTS AND CAREER PREPARATION

The commitment to individual development includes a commitment to helping students prepare themselves for a vocation. Through more than thirty formal majors and pre-professional programs, opportunities are available to develop the knowledge, skills, and attitudes necessary for successful careers. In addition, through independent study and individually designed areas of concentration, students are encouraged to supplement and adapt the formal curriculum to their particular interests and aspirations.

The college recognizes that significant learning can occur in a variety of settings. Internships, jobs, and other off-campus learning experiences, both in this country and abroad, enable students to integrate theory and practice, and help them to clarify their values and career choices. Because they are committed to a participatory educational process, faculty engage students in the learning of science, theatre, management and other disciplines by *doing*. The aim is to assist each student to become a self-directed, competent, humane person capable of making a significant contribution to society.

THE COMMITMENT TO HUMAN RELATIONSHIPS IN COMMUNITY

There is a rich diversity among Eckerd College students which is educationally desirable. Students come to campus from more than 40 states and 30 foreign countries. They enroll from urban, suburban, and rural areas; from developed and developing countries; and from a variety of cultural, ethnic, and religious backgrounds. The cosmopolitan nature of the Eckerd campus enriches the total educational experience as students learn from each other.

Built upon this diversity is a sense of community based upon common objectives, concerns and experiences. Academic interests provide the basis for a sense of community, which is enhanced by worship, student activities, athletic events, concerts, lectures, and other opportunities for shared experiences. Because most students reside on campus, they have the enriched experiences that occur when people are learning both how to learn and how to live together.



THE COMMITMENT TO BE A PACE-SETTING INSTITUTION

Eckerd College is nationally known for pioneering new programs designed to deal directly with the varying needs of college students. It has shown the will to improve education, and the vision and courage to take steps that will facilitate the growth of students. Many of its programs of interdisciplinary study, independent study, international education, values inquiry, and student orientation and advising have become models for other educational institutions. Within the context of its objectives as a church-related college of the liberal arts and sciences, it continues to seek better ways of meeting its commitments.

A SHARED COMMITMENT

Every student upon entering Eckerd College is asked to sign a promise to uphold the following statement of Shared Commitment:

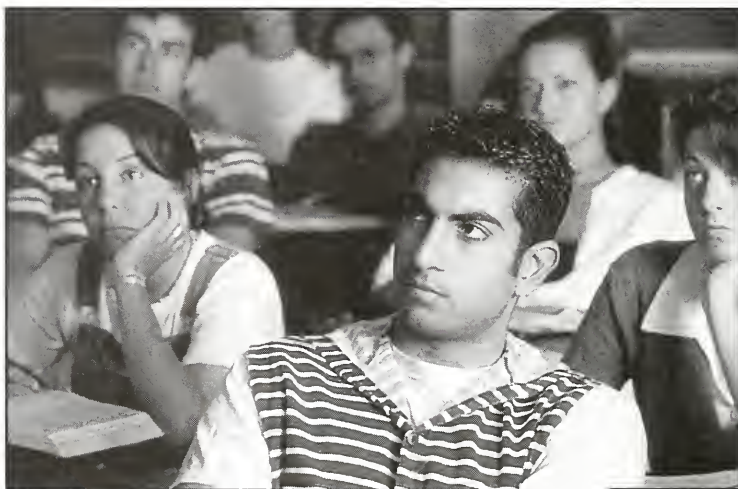
The choice to join the community of scholars of Eckerd College commits each student to the values embodied in the mission and objectives of this church-related college of liberal arts and sciences. Inherent in this commitment is the responsibility:

1. To use one's abilities and opportunities to pursue personal and academic growth and excellence.

2. To exercise respect for human dignity in attitudes and relationships.
3. To conduct oneself with integrity in academic work and as a citizen of the college community.
4. To respect the rights and property of other students and their need for an environment conducive to scholarly work.
5. To respect the rights and property of Eckerd College and to protect its reputation as a college of distinction with a student body of high quality.
6. To respect and learn from human differences and the diversity of ideas and opinions.
7. To seek out opportunities to prepare for a life of leadership and service.

Each student's commitment to these ideals obligates that student to abide by college regulations and to work with others to prevent the following behaviors that threaten the freedom and respect that members of the Eckerd community enjoy:

1. Academic dishonesty
2. Chronic interference with the right to study
3. Willful destruction of property
4. Theft
5. Personal violence
6. Bigotry
7. Disruptive intoxication



Thus all students share a commitment to excellence and to the creation of a college community in which they can take pride.

THE ACADEMIC PROGRAM

Since Eckerd College (then known as Florida Presbyterian College) opened its doors, it has earned a reputation for creating new and better opportunities for learning. Eckerd has been consistently rated among the foremost of American colleges and universities.

The college looks for superior methods of educating its students, not in order to be different, but to offer a more rewarding and useful educational experience.

For example, you have probably come across such expressions as “4-1-4,” “winterim,” “miniterm,” “interim,” or “winter term.” (All of them mean essentially the same thing: separating the two terms of an academic year with a one month period of study on a single topic.) The winter term is an Eckerd College concept. This innovation was created and tested first on the Eckerd College campus; then other colleges found it so exciting that they adopted it.

Since the creation of the winter term in 1960, Eckerd has discovered and implemented other innovative ways of teaching. Perhaps the best way of providing you with an understanding of the Eckerd experience is to take you on a “verbal tour” of the academic program.

THE MENTOR

Shortly after you have been accepted as an Eckerd student, you will receive material about selection of a Mentor. The original Mentor was the guide and companion of Odysseus. As you are, in a sense, embarking on your odyssey, it is fitting that you have your own Mentor.

Throughout your career at Eckerd, you will have continuing support and counsel from a faculty Mentor, who is more than the conventional faculty adviser. Mentors are faculty members who have been specially trained to help you in your academic program, career planning, and personal growth. You choose your own Mentor before you enter Eckerd, from a descriptive list of Mentors and projects. In your Freshman year, you will take at least one course from your Mentor, and together

you will work out the rest of your academic program for the first academic year.

When you become an upperclass student, you may choose a new Mentor—a specialist in your area of academic concentration. The two of you will continue to plan your academic program, including independent and directed studies, internships, off-campus programs, work experience, career planning, foreign study, and the many other options that Eckerd offers.

THE ACADEMIC CALENDAR

Eckerd College follows a modified 4-1-4 calendar. The fall and spring semesters are fourteen weeks in length, and are each followed by examination periods. Courses during the semester are offered for the full fourteen weeks, and ordinarily a full-time student will enroll for four of these courses each semester.

The three-week autumn term for Freshmen occurs prior to the beginning of the fall semester, while the four week winter term (January) falls between the two regular semesters. During these shorter terms, students will enroll for no more than one academic project at a time. This format provides for independent investigation of a topic in a concentrated manner.

THE AUTUMN TERM

As a Freshman, you will start your Eckerd College experience in mid-August, when you enroll for autumn term. In contrast to the usual Freshman orientation of two or three days, autumn term lasts three weeks. It is designed for Freshmen only, and provides an intensive foretaste of college living and academic work.

During autumn term, you will take one academic project, for credit, from your Mentor. This project is stimulating in content, teaches basic academic skills, and focuses on the interdisciplinary nature of learning. The course will give you a clear idea of what is expected of you at Eckerd. Autumn term provides an excellent opportunity for certain kinds of interest and competency testing that will allow you to begin your academic program in courses that are best suited to your current stage of development.

You will also learn a great deal about living, working, and playing in a college community. The student Resident Adviser in your residence hall

will be on hand during autumn term to help you make the transition into college life. In fact, the entire staff of the college and the autumn term faculty will participate with you in periods of inquiry, reflection, and fun. The sense of community that develops will assist you to take full advantage of the opportunities and resources available on campus. By the time the upperclass students return in September, you will be well established in campus life. For more information about autumn term see page 97.

GENERAL EDUCATION

An important part of your studies throughout your career at Eckerd College will be in general education.

During your Freshman year, you will take two classwide interdisciplinary courses called Western Heritage in a Global Context I and II that will explore the cultural riches of the past. Your discussion sections in these courses will be led by your Mentor. In addition you will be expected to demonstrate writing competency by assembling a portfolio of your collegiate writing for evaluation by the faculty; take one college level computation course or demonstrate competency by examination; and take one year of a foreign language or demonstrate competency at the first year by evaluation of the language faculty.

During your Sophomore and Junior years, you will choose four courses from a list of options in each of five broad perspectives on human existence: the aesthetic, environmental, global, scientific, and social relations. The courses will be distributed over four collegia other than your own collegium so as to provide involvement with significantly different modes of inquiry.

Seniors will take a course, Quest for Meaning, that will focus on issues of meaning, purpose, and value, with special attention to the Judaeo-Christian perspective.

WINTER TERM

Winter term is a special four-week period in January that emphasizes independent study. You may enroll in projects designed by professors, or design your own with the sponsorship of a professor.

All winter term projects must have strong academic merit. A typical project requires you to

select a subject, gather information, organize it, and present it as a paper, a short story, a painting, a performance, or a piece of equipment. Freshmen may take a winter term in addition to autumn term, and substitute a fifth winter term for one of the 32 courses required for graduation. The winter term in the Senior year is usually spent working on a comprehensive examination or senior thesis or project required for completion of a major.

Many colleges have followed Eckerd College's example in adopting a winter term program, making it possible to exchange students and to increase the range of projects offered. Eckerd College also cooperates with other 4-1-4 colleges in sponsoring winter term projects abroad or in major cities and interesting locations in the United States. Many winter term projects include at least eight contact hours per week, which meets the Veteran's Administration standards for full tuition benefits. For more information about winter term see page 97.

For a special Freshman Bridge program during winter term, see the Foundation Collegium, #5, page 7.

THE COLLEGIUM CONCEPT

During the past few years, educators have become aware that the traditional division of learning into academic "departments" is not necessarily the best way to organize the educational process. Increasingly popular among colleges is the interdisciplinary major, in which the student combines courses from two or more disciplines to form an individual academic program. At Eckerd, we have established interdisciplinary "collegia," which encourage new combinations of studies and demonstrate the interrelatedness of knowledge.

The word "collegium" goes back to medieval days, when it meant a fellowship of equals (i.e.; persons communicating without artificial obstacles to discourse) pursuing a common objective (which in Eckerd's case is learning). The word vividly describes what we are trying to do: to bring you (the student) together with a highly knowledgeable person (the professor) in an atmosphere where you can debate freely, challenge one another's viewpoints, learn together.

In a collegium, subjects are grouped according to the intellectual discipline required to master them. You learn mathematics and physics in similar ways, for example; but you learn dance differently, and a foreign language in still another way.

Eckerd faculty members choose to affiliate with a particular collegium, depending upon their approach to their subject. You will do the same. At the end of your Freshman year you will focus upon a major or area of concentration and affiliate with the collegium that best suits your perception of that study. Your concentration does not have to lie in a single field, such as history or biology. You can create your own concentration by combining those studies that will help you achieve your career or professional goal. For example, if you wish to become an environmental economist, you can combine economics and biology, thus creating your own concentration to fit your own goal. The collegium concept makes this interdisciplinary approach to learning a natural one that is easy to accomplish.

Eckerd sees the members of a collegium—students and faculty alike—as partners in learning. Professors bring high expectation to the learning process; students are expected to become independent learners and researchers, able to take maximum advantage of their professors' strong qualifications. Each collegium has its own decision-making group, composed of professors and students, which gives students an important voice in the academic decisions of the college.

THE FOUNDATIONS COLLEGIUM

Eckerd College provides a special, perhaps unique, program for all Freshmen through the Foundations Collegium. This is the first-year home for students, helping them to establish a foundation for their upper-level studies. The collegium's program includes four important parts:

1. **Autumn Term.** Freshmen arrive in mid August to take a three-week course before the opening of the fall semester early in September. During this time, they also complete their testing, orientation, and registration. Freshmen choose from 18 projects limited to about 20 students each. The professor for that course will be the Mentor for those students.
2. **The Mentorship.** Eckerd College has expanded the notion of the academic adviser to allow more help, care, and encouragement to its students. Each Freshman has a Mentor from the faculty who helps to guide him or her through the Freshman year.
3. **Western Heritage in a Global Context.** All Freshmen are required to take Western Heritage in a Global Context I (fall) and Western Heritage in a Global Context II (spring). These courses explore central concepts and materials of civilization and introduce Freshmen to the themes of Eckerd College's general education program, the aesthetic, environmental, global, scientific, and social relations perspectives. Western Heritage in a Global Context courses are interdisciplinary, using lecture and discussion formats. The discussion sections are the same groups, with the same instructor, as the autumn term groups.
4. **Skills Development.** Every student must demonstrate proficiency, or take courses to develop skills, in composition, foreign language, information technology, oral, and quantitative skills. For more details see page 16 under Degree Requirements, and under Composition in the course listings. Foundations also provides a Writing Center to assist students with their writing.



5. Leadership and Self-Discovery Practicum.

First year students have the opportunity to participate in an optional winter term designed specially for them. The seminar, taught by various members of the Eckerd College staff, enable students to develop learning skills, life planning skills, and leadership skills and increase their own self-understanding. The goal of the seminar, which combines worthwhile learning with enjoyable experiences, is to provide first year students with the enhanced skills and knowledge that will help them get the most from an Eckerd College education. Participants receive a final grade of Credit or No Credit and earn a credit towards graduation. Cost of the program is \$300 plus room, board, and fees.

At the end of the Freshman year, students choose an upper-level collegium and a new Mentor; any students still unsure of what to choose can get help from the Foundations office and/or Career Counseling.

THE UPPER DIVISION COLLEGIA

THE COLLEGIUM OF BEHAVIORAL SCIENCE

Members of the Behavioral Science Collegium believe that the urgent problems of today—racism, environmental pollution, overpopulation, world hunger and crime—are problems of human behavior. Therefore, there is much to be gained by developing methodological and conceptual tools to understand better both individual and collective behavior. Students will take introductory courses in psychology or sociology. In addition, courses are available in the fields of economics, sociology, psychology, management, political science, business administration, finance, accounting, marketing, and statistics.

THE COLLEGIUM OF COMPARATIVE CULTURES

The Collegium of Comparative Cultures seeks to promote an understanding of the breadth of human cultural achievements through languages, area

studies, anthropology, international business, and related disciplines. The Collegium serves as both a window and a gateway to the cultures of the world: a window for those who learn in the classroom from professors who have lived and studied in other cultures; a gateway for those who wish to visit these cultures after preparatory study on campus. Language study in French, German, Italian, Japanese, Spanish, or Russian can be integrated into a major program, an interdisciplinary concentration with another discipline (such as management, political science, or comparative literature), or it may simply serve to round out a student's liberal arts program. Anthropology allows students to learn about the peoples and cultures of the world, past and present, while becoming well versed in the research methods, theoretical perspectives (such as culture change) and practice applications of anthropology in today's world. Some students may decide to plan their studies around a particular area of the world. In such cases, the International Education office gives assistance in planning appropriate study-abroad experiences. Comparative Cultures graduates have chosen careers in teaching, interpreting, foreign service, religious vocations or international business.

THE COLLEGIUM OF CREATIVE ARTS

Creative Arts Collegium faculty are dedicated to promoting the development of creativity in each person and the integration of the physical, emotional, intellectual, and spiritual dimensions of the self. Sharing a belief in the value of experiential learning, members of the Collegium recognize that students learn as much through experiencing the creative process as in the completion of a product. In addition to the programs in art, music, theatre, and creative writing, where students are encouraged to explore and express their talents within the context of freedom with responsibility, the Collegium includes the human development, where learning to help others realize their full potential is the primary goal. Interdisciplinary study, independent work, and application of knowledge in the community are fostered in the Creative Arts Collegium.

THE COLLEGIUM OF LETTERS

The Collegium of Letters is composed of students and faculty who have in common an interest in human beings, past and present— their history, literary and artistic products, religious commitments, political involvements, and philosophical groupings. The study of who we are by looking at what we are doing and the works and institutions created by our predecessors provides the relevance, vitality, and excitement of our program. This humane interest has value in and of itself. In addition, it provides a fundamental background for a wide variety of futures—vocational or through professional and graduate schools—as the experience of our graduates attests.

THE COLLEGIUM OF NATURAL SCIENCES

The Collegium of Natural Sciences brings together biologists, chemists, environmentalists, earth scientists, marine scientists, computer scientists, mathematicians, physicists, and those interested in the health professions, including medicine, veterinary medicine, dentistry and medical technology.

The major emphasis of the Collegium is on the development of the skills of observation, experimental design, problem-solving, research and the study of the principles and concepts that are necessary to successful scientific investigation. The programs in the natural sciences are geared to provide students with information and techniques that can be applied to the problems of a changing society.

THE ECKERD COLLEGE LIBRARY

The library supports the educational mission of the college by providing facilities, resources and services designed to enhance the student's learning experience. In this constantly changing and increasingly complex world the ability to locate and use needed information has become a crucial skill. The primary goal of the library staff is to help students achieve competency in making use of available knowledge. Instruction in the effective use of library resources begins in Autumn Term and progresses through upperclass levels where students are encouraged to make use of sophisticated computer technology, as well as

more traditional print resources. During all four years the emphasis is on providing the personal attention that makes for a quality learning experience.

Designed to meet the needs of undergraduate students and conveniently located in the center of the campus, the library's book collection contains approximately 125,000 carefully selected volumes. In addition, the library subscribes to approximately 900 periodicals and provides access to thousands of others through a variety of electronic resources. The library's catalog and electronic subscriptions are accessible via both the campus Intranet and, in most cases, the World Wide Web. To augment its own holdings, the library has a reciprocal borrowing agreement with the Poynter Library at the University of South Florida - St. Petersburg and provides computerized interlibrary loan access to thousands of other libraries throughout the United States.

Quiet carrels and carpeted lounge areas interspersed throughout the open stack collections provide an open and inviting environment for study and leisure reading. Indeed, openness is a hallmark of the Eckerd experience. The library staff prides itself in being approachable, in providing individual attention, and in teaching students how to effectively and efficiently navigate the complex information maze. To learn more about the library, visit our web site at <<http://www.eckerd.edu/library>>.



THE CO-CURRICULAR PROGRAM

The cocurricular program recognizes the fact that some of the most valuable learning experiences happen outside the classroom. Students have the opportunity to get involved in organizations and activities guided by themselves.

The program offers something other colleges are now only beginning to emulate. Graduates have not only a transcript of what they have done outside of the classroom. The Cocurricular Transcript can be a valuable supplement when applying for jobs, graduate work, fellowships, and other post-graduate opportunities. To begin this transcript, stop by Campus Activities, located in Lindsey Hall.

There are five major cocurricular areas in which you can be involved. **It is expected that you will document your involvement in all the areas while at Eckerd.**

Service

You will have the opportunity to engage in significant service activities that help the student to develop leadership and other interpersonal skills, make a significant contribution to the welfare of others, and encourage a lifelong commitment to service.

Career Exploration

You will have the opportunity to explore the relationship of your undergraduate experience to the world of work and your occupational skills and interests; to apply and enhance acquired knowledge in career-related situations; and to establish enduring beneficial relationships with persons engaged in occupations or professions related to your interests.

Physical/Personal Development

You will have the opportunity to engage in activities that help you develop an awareness of the importance of personal and physical well-being and to acquire skills that contribute to a sense of well-being.

Leadership

You will have the opportunity to develop the skills and abilities necessary to be an effective leader and contributor to the larger society.

Honors and Awards

You will have the opportunity to document the recognition you receive from the college or other groups and organizations.

INFORMATION TECHNOLOGY SERVICES

In recent years, Eckerd college has made major investments in information technology. A fiber optic network using high-speed ATM technology has been extended to every dormitory, classroom building and office building on campus. There are general purpose computing labs, including small labs in dormitory clusters, and more specialized labs, such as the scientific computing lab and those in the physics, chemistry, biology, marine science, mathematics, psychology, and creative arts areas. Microsoft Office and many specialized software packages are installed on these systems or accessible via local area networks. Scanning stations, laser and color ink jet printers and other peripheral equipment are also provided. Full-time professional staff and student lab assistants serve the campus community in many of these labs and in other settings, as well.

Each student has an email account, and on-campus residents have voice mail and cable TV available in their dorm rooms. Dorms, classrooms, and labs are wired into the campus network and connected to the Internet through a high-speed T1 line. Many classrooms and auditoriums have permanent video-data projectors, and there is also a video production studio. The library has a state-





of-the-art automation system and a multitude of information resources available on the World Wide Web and on CD-ROMs.

The Director of Instructional Technology Programs serves as an in-house consultant to faculty who want to redesign their courses to make better use of technology, and the Academic Resource Center provides hardware, software, and networking support to those faculty members.

Eckerd College intends to remain technologically advanced and to provide both its students and its faculty with tools that can make the academic process both more effective and more efficient.

SPECIAL ACADEMIC PROGRAMS

PRE-PROFESSIONAL PROGRAMS

Eckerd College regards liberal education as essential to thorough professional training and unites a broad freedom of student choice with graduate education in a number of fields: for law and medical school, medical technology, the ministry, engineering, management, business administration, and selected public service, human development and community professions.

Eckerd seeks to provide pre-professional experience through intensively supervised intern-

ships rather than by professional and pre-professional courses that tend to limit the scope and quality of liberal education. Students in management take certain specialized courses, such as accounting, and prepare themselves through internships carefully planned with the Mentor of the management program. Similarly, human relations occupations involve a thorough liberal arts base, to which are added supervised field and employment experiences designed to meet the particular interest and need of the student.

HUMAN RESOURCE INSTITUTE (HRI)

Eckerd College's Human Resource Institute includes the Personnel and Global Human Resources Management program which studies the ways in which organizations and societies produce behaviors to achieve their objectives; the Human Resources Measurement program which studies the processes used to evaluate human resource management; and the Human Resources Association which facilitates cooperative relationships between the Institute and organizations interested in advancing human resources management and measurement research.

The Institute was initially organized at the University of Michigan in 1969 by William Pyle. It moved to Eckerd College in 1986 when Dr. Pyle joined the faculty as professor of management and

Director of the Human Resource Institute. Dr. Pyle is currently the Harold D. Holder Professor of Management and International Business at Eckerd College.

Since its inception, over one hundred Fortune 500 and other major firms in the U.S. and abroad have sought to advance personnel and human resources management and measurement research through their financial support of the Institute.

The Institute works closely with Eckerd College's academic programs including the college's concentration in Personnel and Global Human Resource Management by involving students in its industry research projects and encouraging its business and industry association members to provide students with work experience, internships, and career opportunities.

ENGINEERING AND APPLIED SCIENCE-DUAL DEGREE PROGRAM

The engineering and applied science program is designed for students who wish to combine a broad, values-oriented knowledge base with one of many fields of engineering or applied science. Students may pursue a career in applied science or one of many engineering disciplines including electrical, civil, chemical, industrial, aerospace, textile, nuclear, biomedical, or systems engineering. Students complete all requirements for majors at both institutions.

Students apply to Eckerd College for regular admission and spend three years at Eckerd taking mathematics and science courses that will qualify them to enter an engineering program at the Junior level. In general, students take Calculus I, II, and III; Differential Equations; Chemistry I and II; Physics I and II; and Introduction to Computer Science, along with the general education requirements and the requirements of an Eckerd College major. Some of the courses required for the Eckerd College major may be completed at the other institution. The detailed curriculum depends on the student's choice of engineering college and specific degree program. Students may attend an engineering winter term before they transfer to the engineering college.

Upon successful completion of the three-year portion of the program (requirements of grade point average vary somewhat) and recommen-

dation of Eckerd College, a student is admitted to an engineering college, where the dual-degree requirements may normally be completed in two years. The student is then awarded degrees from both Eckerd College and the engineering school.

At present, Eckerd cooperates in dual-degree programs in engineering and applied science with Washington University (St. Louis), Auburn University, the University of Miami, Columbia University and Georgia Institute of Technology. Students may also apply to engineering schools with which we do not have formal agreements. Many engineering schools accept transfer students. Several such schools have supplied us with advice and information on which courses would best prepare students to transfer into engineering at the Junior level.

Due to the sequential prerequisite requirements, it is vital for dual degree candidates to obtain counseling early in their career at Eckerd College.

RESERVE OFFICER TRAINING CORPS (ROTC)

Eckerd College provides both an Air Force and Army ROTC program through cross-enrollment agreement with the University of South Florida in Tampa.

Air Force ROTC

Students who complete the program, which consists of either a four year or two year program, are commissioned as second lieutenants and guaranteed a position in the active Air Force. Completion of 12-16 course hours of instruction and enrollment in a weekly, non-credit leadership laboratory are required of all students.

Army ROTC

Students who complete the program, which consists of four courses in military science, a weekly leadership laboratory, and one summer camp, are commissioned in the United States Army.

Both programs are open to men and women, and scholarships are available on a competitive basis to qualified students. See ROTC under the course description section of this catalog.

RAHALL COMMUNICATION PROGRAM

The purpose of the Farris and Victoria Rahall Communication Program is to help students develop effective oral communication skills; teach the fundamental principles of fair, responsible and ethical journalism; and provide practical experience through internships. In addition to offering courses in media ethics, the Rahall Professor of Communications works closely with faculty across the curriculum to provide opportunities for students to develop their speaking skills, and with a variety of media firms in the Tampa Bay area to place students on internships in the communication industry.

THE WRITING CENTER

The purpose of the Writing Center is to enhance student learning by helping them to become more organized in investigating and more articulate in formulating ideas. Working closely with the Foundations Collegium, the staff and tutors of the Writing Center aid students who wish to improve writing skills and competence in research.

Assistance is offered to all Eckerd students, with special workshops on preparation of Writing Competency portfolios, tutoring for non-native writers, consulting on Senior theses, and individual help on all writing tasks.

Resources include 18 Macintosh workstations, desktop publishing, CD-ROM databases, software for collaborative writing, word processing, data graphics, design, page layout, hypermedia; a library of composition theory and pedagogy; professional and peer consultants.

INTERNATIONAL EDUCATION

Eckerd College believes that a liberally educated person should be at home in other cultures, and tries to give every student the chance to study abroad. Consequently, Eckerd offers a variety of overseas programs, including short terms in the winter and summer, and full year or semester programs for students in almost all majors.

Winter Term Abroad

Eckerd's annual winter term offerings overseas each January are nationally recognized. Programs are led by Eckerd faculty members who have

professional expertise in the country visited. Projects vary each year, but typically programs are available in such places as Italy, England, Greece, Austria, Mexico, Russia, South America, Asia, and the Caribbean.

Semester and Year Abroad

Varied locations and curricula provide a wide range of opportunities. Programs are available in London where the Eckerd College Study Centre is staffed by both American and British faculty. Eckerd also has exchange arrangements with two universities in Japan - Kansai Gaidai near Osaka and Nanzan University in Nagoya - and with Ewha Womans University in Seoul, Korea as well as with United Kingdom institutions in Plymouth, Aberdeen, and Glasgow. Through our affiliation with the International Student Exchange Program (ISEP) many exchange opportunities worldwide are available, and recently students have spent a year or semester in locations such as Sweden, Korea, Mexico, the Netherlands, Australia, Germany, Argentina, Uruguay, and France.

The Office of International Education counsels with students in an effort to provide individuals with study abroad programs best suited to their particular academic needs.

Summer Term Abroad

Study abroad opportunities may be available during the summer months in a variety of locations. Offerings change from year to year, and may cover a broad range of topics. The Program for Experienced Learners (PEL, in cooperation with the International Education office, plans summer term programs that are open to all students. Previous programs have included study/travel to London, Paris, Greece, and Mexico. The International Education office provides catalogs and resource materials for students to review when planning independent study/travel projects..

OFF-CAMPUS PROGRAMS

Our academic calendar permits off-campus study for periods of one month (January), one semester (14 weeks), and up to a full academic year. Upperclass students are encouraged to take advantage of programs and facilities not available at Eckerd through the off-campus program. It is possible to participate in group projects with a

faculty leader or to contract independent studies of the student's own design. During winter term (January), group projects such as an archaeological dig in the Southwest, government operations in Washington, DC, or urban problems in Chicago are possible. Independent projects for individual students have been undertaken in industry, the Argonne Laboratories, marine research, and at an Indian reservation. The winter term, through cooperation with other schools having a similar calendar, provides for intensive projects on other campuses throughout the United States.

The Off-Campus Programs office assists students in making arrangements, preparing contracts, and providing information and ideas related to various choices. The subject of the project determines the particular off-campus location.

SEA SEMESTER

Eckerd College provides an opportunity for qualified students to earn a semester of credit in an academic, scientific, and practical experience leading to a realistic understanding of the sea, sponsored by the Sea Education Association, Inc. (S.E.A.).

Students spend the first half of the semester (the six-week shore component) in Woods Hole, Massachusetts, receiving instruction in oceanography, nautical science and maritime studies. They then go to sea for the second half of the semester (the six-week sea component) for a practical laboratory experience. For course descriptions see page 87. Students interested in the Sea Semester are required to make application through the International Education and Off-Campus Programs office.

INTERNATIONAL STUDENTS

Eckerd College has been committed to international education since its inception. While we continue to provide opportunities for students to enrich their education abroad (see International Education page 12) one need go no further than the campus itself to experience a truly cosmopolitan environment. The International Student Affairs office sponsors support programs and activities for students coming from more than 40 different nations to pursue a variety of studies here. There are two distinct groups of international students at Eckerd College: those who study in the ELS Language Center and those who are degree seeking students.

These international students enrich the campus environment with their diverse cultural origins and ethnic backgrounds by providing face-to face opportunities for cross-cultural exchange in classroom and other settings. The breadth of this experience is celebrated annually during the Festival of Cultures with exhibits, entertainment, and ethnic delicacies from around the world.

CAREER SERVICES PROGRAM

A liberal education should not be considered separate from the economic, social, and political realities of life. With increasing insistence, employers and professional associations are asking career-minded students to relate fundamental education in liberal arts fields to long-range plans. Further, they stress the value of a solid liberal arts background for business or professional careers.

Woven into your academic program during your four years at Eckerd is a program to help you examine your career and professional goals. The Career Services Program offers one or more of a variety of experiences: one-to-one and group diagnostic career counseling to assist in making decisions which integrate academic programs, career planning, and general lifestyle; internship and field experience placements which involve unpaid work experiences of observation either with a professional person or in a special social environment; paid work experiences related to current academic studies and long-range career goals; discipline internships such as community studies, leisure studies, or management; and placement services to assist you in finding part-time and summer employment while in school, but primarily to enable you to select either the appropriate post-graduate education or the vocational career that fits your personal aptitudes, desires, and objectives.

SUMMER TERM

The summer term is an eight-week term consisting of two four-week sessions. Courses are available in June (session A), July (session B), and through the full eight-week summer term. A preliminary announcement of courses and fees is published in April. Regularly enrolled Eckerd students and students enrolled and in good standing at other colleges and universities are eligible for admission. High school students who have completed their Sophomore year and present evidence (usually a

transcript and a recommendation from a principal or counselor) of their ability to do introductory level college work, are eligible for admission with a scholarship which covers 50 percent of the regular tuition. Students entering Eckerd in the summer with the intention of becoming degree candidates must make formal application for admission to the Dean of Admissions.

Summer courses may replace courses missed during the academic year or accelerate graduation. Additional information about summer term courses maybe obtained from the Summer School office.

PROGRAM FOR EXPERIENCED LEARNERS

The Program for Experienced Learners (PEL) is a degree-completion program designed specifically for adult learners who are strongly motivated, yet have career or personal obligations which keep them from enrolling in a more traditional degree program. Because of the flexible and personal nature of the program, most students are able to continue working full-time while pursuing the bachelor's degree.

PEL was founded on the belief that learning is not necessarily limited to a formal classroom setting. Credit may be awarded when experiential learning is comparable to academic coursework, relevant to academic goals, and well documented.

Admissions Requirements

Qualities such as personal commitment, perseverance and self-discipline are necessary for success in PEL.

Basically, the guidelines for admission are:

1. Applicants must be at least 25 years of age.
2. Applicants must have a high school diploma or high school equivalency diploma. College experience is desirable; transfer credit for "C" or better grades will be awarded when coursework is appropriate for a liberal arts and sciences education and is relevant to career goals.
3. Applicants must complete an application, including an essay, and demonstrate goals consistent with program objectives and the ability and motivation to benefit from the program.
4. Following admission, students must complete the required Life, Learning and Vocation course with a C or better grade.

Meeting Degree Requirements

The Bachelor's degree requires successful completion of a minimum of 36 courses. Students may meet degree requirements through transfer credit, experiential learning, formal courses, directed or independent study, tutorials, travel/study programs, and residential program courses. PEL offers courses in St. Petersburg, north Pinellas County, Tampa, Ocala, and Sarasota.



Major and Degrees

PEL students are awarded either the Bachelor of Arts or Bachelor of Science degree, the same degrees conferred in the residential program. Students pursue a variety of majors or concentrations, including business management, human development, organizational studies, American studies, interdisciplinary humanities, creative writing, and others. The degree preserves the basic features of the Eckerd College program by emphasizing the liberal arts as part of each student's education, but also recognizes the importance of relating general knowledge to special career concerns.

Financial Aid

Several types of financial aid are available to qualified students, including the Pell Grant, Florida Resident Access Grant, Federally Insured Student Loans, and VA benefits.

When Eckerd College started the Program for Experienced Learners, it set PEL tuition rates considerably lower than those for the Residential Program. Given this tuition discount, Eckerd College scholarships that are available for students in the Residential Program may not be used in the Program for Experienced Learners.

Another popular form of financial assistance for the PEL students is through tuition reimbursement programs sponsored by private corporations and government agencies. Many PEL students have found that their employers are very cooperative in helping to meet their college expenses. Information on private loans and payment plans is also available.

For More Information

Additional information on financial aid, admissions requirements, and the Program for Experienced Learners may be obtained by writing: Program for Experienced Learners Eckerd College, 4200 54th Avenue South, St. Petersburg, FL 33711. Or call: (727) 864-8226; e-mail: eckpelds@eckerd.edu

THE ECKERD COLLEGE ALUMNI ASSOCIATION

The Eckerd College Alumni Association (ECAA) has as its dual mission to provide support and services for the alumni of Eckerd College and to support Eckerd College in its mission to provide

the best possible educational experiences for the students of today and tomorrow. To this end, the ECAA is involved with communications, events, and annual student scholarship support through a variety of programs that range from regular publications, special events, and a network of over 20 chapters and clubs, to cooperative programming with Academics, Admissions, Career Services, the Eckerd College Organization of Students, International Education, and Student Affairs. Offering a platform for a life-long relationship with Eckerd College, the ECAA's activities are directed by a 25-member board of directors, and are supported by the professional staff of the Offices of Alumni & Parent Relations and Institutional Advancement.

Inquiries should be addressed to: Director, Alumni & Parent Relations, Eckerd College, 4200 54th Avenue South, St. Petersburg, Florida 33711. Phone (727) 864-8219; fax (727) 864-8423; e-mail: fiddlercrab@eckerd.edu. Web site address: <http://www.eckerd.edu/alumni>.

THE ACADEMY OF SENIOR PROFESSIONALS

The Academy of Senior Professionals at Eckerd College (ASPEC) has a mission to continue to enrich the quality of life and learning through engagement with members, students, faculty and the community. It is devoted to the development of multi-generational collegiate learning, scholarly activity, research, writing and the encouragement of individual or group projects of importance to members, to the college and the broader community.

ASPEC is a unique membership organization, composed of persons who have distinguished careers in education, business, the arts and sciences, government service, diplomacy, religion, medicine and health care, human services, engineering, military and similar endeavors. Through lectures, forums, publications, and special projects members continue to share and to contribute to human knowledge.

Through both the Faculty and Student Colleague programs, career counseling, and other formal and information contacts, members contribute their knowledge and experience in and out of the classroom.

ASPEC is designed for those who have and will continue to "make a difference" in their professions and communities. Its members enrich their cultural experiences, make constructive contributions to society, and pursue their own interests in collaboration

with congenial colleagues within the multi generational educational community of Eckerd College.

Most members have a home within a fifty mile radius of St. Petersburg and are in the region for at least three months of the year.

Inquiries should be addressed to: Director, ASPEC, Eckerd College, 4200 54th Avenue South, St. Petersburg, Florida 33711. Phone (727) 864-8834; fax (727) 864-2964; e-mail: allshomf@eckerd.edu. Web site address: <http://www.eckerd.edu/aspec>.

ACADEMIC POLICIES

DEGREE REQUIREMENTS

In order to graduate from Eckerd College, a student must spend at least four semesters and two short terms, including the Senior year, in the college or in an approved off-campus program.

Any student who wishes to request an exemption from or a modification of an all-college requirement may petition the Dean of Faculty using forms available in the Office of the Registrar. Petitions must include detailed reasons for the request, and receive prior approval from the student's Mentor and collegial chairperson.

DEGREE REQUIREMENTS FOR TRANSFER STUDENTS

In order to graduate from Eckerd College, a transfer student must spend at least four semesters and two short terms, including the Senior year, in the college or in an approved off-campus program.

Students transferring to Eckerd College as Sophomores are considered exempt from Western Heritage in a Global Context, foreign language, and quantitative requirements. Students transferring as Juniors are also considered exempt from any two of the four required Sophomore/Junior perspectives.

All transfers must meet the following general education requirements: composition competency (i.e., writing portfolio), technological competency, Quest for Meaning, and senior seminar. Transfer students may exempt up to two of the four required Perspective courses depending on their class standing at the time of entry. In addition, all transfer students must meet the requirements of their intended major.

Any student who wishes to request an exemption from or a modification of an all-college requirement may petition the Dean of Faculty using

forms available in the Office of the Registrar. Petition's must include detailed reasons for the request, and receive prior approval from the student's mentor and collegial chairperson.

Bachelor of Arts Degree

Unless modified in individual cases by action of the Dean of Faculty, the following requirements must be fulfilled by all students in order to qualify for formal recommendation by the faculty for the **Bachelor of Arts** degree:

1. The satisfactory completion of a minimum of 32 courses, plus an autumn term in the Freshman year and a winter term project in each subsequent year.
 - a. A Freshman may take a winter term in addition to autumn term, and substitute that winter term for one of the 32 courses.
 - b. The winter term project in the Senior year normally consists of the preparation for comprehensive examinations, theses, or projects.
2. Composition Competency: students must submit a portfolio of their own compositions to be evaluated. Specifications for the contents of the portfolios are available from the Director of Writing Excellence.

Usually, the pieces in the portfolio are essays, reports, examinations, or creative work written in courses, and all students must submit their portfolio for evaluation before the second semester of the Junior year.

Students may not register for Senior projects, theses, or comprehensive examinations without having received writing competency for their portfolio.

Composition courses and the Writing Center provide instruction in preparing writing competency portfolios; students whose portfolios are judged inadequate must take a composition course before resubmitting their portfolio.

Since portfolio evaluation is conducted only twice each year, students are strongly urged to consult with their Mentors and the Writing Center staff well before the **March** and **October** deadlines, and to submit their portfolios before completing eighteen course credits.

3. Foreign language (normally in the Freshman year): one year of foreign language at the college level for students entering the college

as Freshman, or the equivalent as demonstrated by a college administered proficiency examination or the equivalent as determined by the language faculty.

4. Information technology competency: demonstration of basic skills in the Freshman year; advanced competency in the major.
5. Oral competency: skill development beginning in the Freshman year; certification of competency by graduation.
6. Quantitative Competency (normally in the Freshman year): one college level mathematics, computer science, formal logic or statistics course, or one course that uses the computer as a major learning tool, designated by an M following the course number. Competency may also be satisfied by passing an appropriate proficiency examination administered by the college.
7. **Western Heritage in a Global Context I and II, WHF 181 and 182.** Students for whom English is a second language and who have not resided in the mainland U.S. for more than two years may substitute **WHF 183C U.S. Area Studies** for Western Heritage in a Global Context I, which shall also fulfill the requirement for a course within the Global Perspective. There is a special section of Western Heritage in a Global Context II for international students.
8. Four courses (normally in the Sophomore and Junior years), one each from a list of options in the following five areas: the **Aesthetic Perspective**, the **Environmental Perspective**, the **Global Perspective**, the **Scientific Perspective**, the **Social Relations Perspective**, distributed over four different upper division Collegia other than the student's Collegium.
9. One course in the Senior year in *The Quest for Meaning*.
10. College Program Series: Students attend at least four events each semester of their Freshman and Sophomore years from a selection of at least twelve events identified each semester as part of the College Program Series. These events include presentation of topics of current interest, artistic events, musical or dramatic productions, and events focusing on issues of meaning, purpose, and value.
11. The completion of a major (from the list of 35 majors formally approved by the faculty), or an independently designed area of concentration.

The area of concentration must be approved by three members of the faculty, with an approved study plan filed in the Registrar's office no later than fall semester of the Junior year.

12. The satisfactory completion in the Senior year of a comprehensive examination, thesis, or creative project in the major or area of concentration with a grade of C or better. (This culminating evaluation may include a test or other means for assessing the effectiveness of the college's academic programs) .

Bachelor of Science Degree

The following requirements must be fulfilled by students in order to qualify for formal recommendation by the faculty for the **Bachelor of Science** degree:

1. The satisfactory completion of the course and all-college requirements as outlined in sections 1-12 above.
2. Completion of a major or area of concentration in one of the natural sciences or mathematics, including the satisfactory completion of at least sixteen courses in the Natural Sciences Collegium, as specified by each discipline, including not more than one of the four required perspective courses.

Students majoring in the natural sciences or mathematics may earn the **Bachelor of Arts** degree by completing at least twelve but fewer than sixteen courses in the Natural Sciences Collegium, as specified by each discipline, including not more than one of the four required perspective courses.

For either the B.S. or the B.A. degree, students majoring in the natural sciences or mathematics may substitute specified courses outside the Collegium to satisfy the minimum requirement for courses within the Collegium. Interested students should consult their Mentors for information on gaining approval for such substitutions.

See each discipline's description in the course section of this catalog for specific requirements.

Students transferring to Eckerd College as Sophomores are considered exempt from Western Heritage in a Global Context, foreign language, and quantitative requirements. **Students transferring as Juniors** are also considered exempt from any two of the four required Sophomore/Junior perspectives.

More than 60 percent of entering freshmen (including athletes) eventually graduate from Eckerd College (based upon the 1988-89 entering Freshman class). For more information on graduation/retention rates, please contact the Office of Admissions.

FORD APPRENTICE SCHOLARS PROGRAM

The Ford Apprentice Scholar Program at Eckerd College, initiated by a grant from the Ford Foundation, provides opportunity for 20 selected Juniors each year to participate in a two year enhanced program designed to develop the skills and habits of professional scholars, and to encourage them to consider college and university teaching as a career.

The students selected take a course in the Junior year in the history of ideas, and do optional research with their Faculty Sponsor during the summer. In the Senior year, they work closely with the Faculty Sponsor in an enhanced major and take a Senior Colloquium. Funds are available for summer and research support.

THE HONORS PROGRAM

The Honors Program at Eckerd College provides enhanced opportunities for independent study and research to students of outstanding ability.

Selected students are brought together for close interaction and advanced work, such studies receiving permanent recognition on the students' transcripts.

A special brochure is available from the Dean of Admissions concerning the four years of the Honors Program but a brief description follows. First-year Honors students meet for special sessions of the college's two Freshman core courses, Western Heritage in a Global Context I and II, for which an extra course credit is awarded. The second and third years of the Honors program center around Honors courses in five areas or perspectives, these being the Aesthetic, the Environmental, the Global, the Scientific, and the Social Relations Perspectives. Seniors in the Honors Program participate in a colloquium in which they present their Senior thesis research, creative projects, or their work for comprehensive examinations.

Students who wish to be considered for the Honors Program in the Freshman year must file an acceptable application for admission to Eckerd College by February 15. In addition, interested students must file an application for the Presidential Scholarship competition by March 1. The students selected as Presidential Scholars will be the group invited to the Freshman Honors program. Presidential Scholars are chosen by a committee of faculty and students on the basis of high school academic records, personal essays, teacher recommendations, standardized test scores, and evidence of leadership



and service to others. Interested students are encouraged to write the Dean of Admissions for additional information.

New transfer students and students already enrolled in the college, including students who may have applied unsuccessfully to the Honors Program earlier, are also eligible for admission as vacancies in the program occur at the upper levels. Students who are interested in making application to the Honors Program after they are enrolled in the college should contact the director of the Honors Program.

NATIONAL HONORARY SOCIETIES

The following National Honor Societies have chapters at Eckerd College:

Alpha Kappa Delta - Sociology

Requirements: Junior or Senior standing, on overall GPA of 3.0, a major in sociology, a GPA of 3.0 in sociology courses, and at least four regular courses in sociology. The purpose of this society is to promote an interest in the study of sociology.

Delta Phi Alpha - German

Requirements: two years of college German, a 3.0 average in German courses and 2.5 overall. New members must be elected unanimously. The society meets monthly, sponsors German-related events, off-campus speakers, and a weekly *kaffee klatch* for all students of German.

Omicron Delta Epsilon - Economics

Lambda Chapter in Florida

Requirements: Junior or Senior standing, class rank in upper one-third with a 3.0 in economics courses and at least four economics courses. The society recognizes the accomplishments of economics students.

Omicron Delta Kappa - Leadership

Requirements: Junior or Senior standing with high grade point average, selected on the basis of exemplary character, responsible leadership and service in campus life. The purpose is to encourage good campus citizenship by recognizing significant achievement in the various aspects of college life.

Pi Mu Epsilon - Mathematics

Gamma Chapter in Florida

Requirements: at least two years of mathematics including Calculus I and II with at least a B average. The purpose is to promote scholarly activity in mathematics among students in academic institutions.

Sigma Delta Pi - Spanish

Requirements: three years, or the equivalent, of college Spanish with a 3.0 or better in all Spanish courses, and rank in upper 35 percent of class with a minimum of 2.75. The purpose is to promote scholarly activity in Spanish among students in academic institutions.

Sigma Xi - Scientific Research

Requirements: demonstrated aptitude for scientific research and intention to pursue a career in science, nomination by a Sigma Xi member based on such criteria as academic excellence, scientific research usually culminating in a paper, presentation at a scientific meeting, or a senior thesis. The purpose is to advance scientific research, encourage interdisciplinary cooperation, and assist the wider understanding of science.

MAJORS AND AREAS OF CONCENTRATION

At Eckerd College, efforts are made to tailor programs of study to the particular needs and interests of individual students. To help guide students with the selection of courses, the faculty has approved a number of disciplinary and interdisciplinary **majors**.

Brief descriptions of majors are included under each discipline heading in the course description section of this catalog. Students desiring more specific information about major programs should consult their Mentors, collegial chairpersons and discipline coordinators. A list of the faculty-approved majors follows.

A major or concentration must require at least eight but no more than sixteen courses, of which at least eight in a discipline major must be in the discipline. No major or concentration can require more than twelve courses in one discipline.

Students desiring to design their own programs of study are encouraged to develop an individualized area of concentration in cooperation with their Mentors. The proposed plan of study must ultimately be approved and have identified with it a specific committee of at least three faculty members. The approved study plan must be filed in the Registrar's office early in the Junior year.

American Studies	German	Management	Psychology
Anthropology	History	Marine Science	Religious Studies
Biology	Human Development	Mathematics	Russian Studies
Chemistry	Humanities	Modern Languages	Sociology
Comparative Literature	International Business	Music	Spanish
Computer Science	International Relations	Philosophy	Theatre
Creative Writing	and Global Affairs	Philosophy/Religion	Visual Arts
Economics	International Studies	Physics	Women's and Gender
Environmental Studies	Literature	Political Science	Studies
French			

ACADEMIC CREDIT

Credit toward a degree is awarded for satisfactory course completion, independent study, directed study, academic work certified by another accredited degree granting institution, and proficiency demonstrated by examination.

Ordinarily credit is earned by **course completion**. A normal full-time academic load is eight courses plus an autumn term in the Freshman year and eight courses plus a winter term project in each subsequent year.

Credit may be earned through **independent study** by students who exhibit both the self-discipline and mastery of the methodologies demanded by the subject matter selected by the student. An independent study project is designed by a student in consultation with the professor who is to supervise and evaluate the work. An academic contract, drawn in advance, specifies the subject and method of inquiry, the texts, the purpose of the project, and the basis of evaluation and credit. Each contract must be approved by the Director of Independent Study. Independent study options are available for both on and off-campus opportunities. Freshmen are not permitted to take off-campus independent studies. Independent study forms are available from the Registrar.

Provision is also made for credit by **directed study**. Both independent study and directed study require advance planning by the instructor and student. While initiative rests with the student for design of independent study, in directed study the instructor is responsible for supplying a syllabus which defines the program. Directed study syllabi are available from the Registrar.

Credit is granted by **transfer** from accredited degree-granting institutions, up to a limit of 16 courses, plus one autumn and one winter term. A student entering Eckerd College should request that a transcript of work done in other institutions

be sent to the Registrar. When the transcript has been evaluated, the applicant is notified of the credit accepted by transfer. Eckerd College students who wish to enroll for part of their programs at other institutions should have the approval in advance of their Mentors, appropriate discipline faculty, and the Registrar. For more information on transfer credit, please see page 102.

Credit for **demonstrated proficiency** is awarded when a student applies for it with the Registrar and successfully completes appropriate examinations. **College Level Examination Programs** are recognized for both advanced placement and academic credit. For more information on CLEP, see page 104.

The college recognizes that many experiences outside the classroom may contribute to a student's program. Internships, participation in community projects, and field experience may be accorded credit if closely coordinated with the student's academic program. Such experience ordinarily constitutes a part of a regular course or independent study project.

THE GRADING SYSTEM

The standard grading system of the college is **A** (Superior Work), **B** (Good Work), **C** (Satisfactory Work), **D** (Poor Work), and **F** (Unacceptable Work). All courses in which a grade of **C** or higher has been earned shall count toward fulfilling degree requirements. A course in which a **D** grade is earned may fulfill degree requirements only when a grade of **B** or higher is earned in another full course.

A grade of **I (Incomplete)** indicates that all course requirements are not complete by the end of the term and that, in the judgment of the instructor, extension of deadline is appropriate. Unless an earlier deadline is set by the instructor, a student will have thirty days into the next regular semester to complete the required work. If

the work is not completed by that time, or the shorter deadline imposed by the instructor, the **Incomplete** will automatically become an **F**.

In case of formal voluntary withdrawal before the end of the eighth week of a semester, a grade of **W** is recorded. If withdrawal occurs after that point, a grade of **F** is recorded. A **W** that results from an involuntary withdrawal must be validated with the Registrar at the time of withdrawal or as soon thereafter as possible.

A **Credit/No Credit** grading option is available in each course/project for students who are at least second semester Freshmen. Students desiring this grading option must petition for the approval of the course instructor, the Mentor, and the Dean of Faculty. Petitions must be submitted prior to the beginning of a semester or term. Grades of **Credit** and **No Credit** cannot be subsequently changed to letter grades.

All grades are reported to students and entered on the official record of the college. Grades of **F** will not be removed from the transcript. A notation will be recorded on the transcript of any substitute grade earned. Students may not repeat a course for credit unless they receive a **D**, need to repeat the course in order to progress in sequence, and have the approval of the instructor and academic dean.

CLASS ATTENDANCE

Students are expected to attend all classes in courses for which they are registered. There is no college-wide attendance requirement, but individual instructors may impose attendance requirements in particular courses.

STANDARDS OF SATISFACTORY ACADEMIC PROGRESS

NORMAL PROGRESS

Normal progress toward graduation is the completion of four courses each semester and a short term each year with grades of **C** or better.

ACADEMIC REVIEW COMMITTEE

At the close of each semester the Academic Review Committee reviews the progress of every student who fails a course, receives a voluntary withdrawal (referred to hereafter by **W**), has more **D** than grades of **B** or better, is on academic probation, or is otherwise identified as not making satisfactory academic progress. Mentors, instructors and student personnel staff may be consulted. The Committee may place on probation or dismiss any student who in its judgment is not making satisfactory academic progress. In making such judgments, the Committee is guided by the following standards and notifies the Financial Aid office of each financial aid recipient affected.

PROBATION

A student who accumulates two or three **F** grades, or a combination of **F** and **W** grades that results in falling behind normal progress by two to five courses, or one more **D** than **B** or better grades, is placed on academic probation.

Students placed on academic probation are notified of this action by the Academic Review Committee and advised of how to remove the probationary status.

Students may enroll in up to four courses per semester during the probation period.

Students **admitted on probation** may have no more than two **F** or **W** grades in their first semester and must have at least one **C** or better in order to enroll for a second semester.

SUBJECT TO DISMISSAL

A student who accumulates four **F** grades, or a combination of **F** and **W** grades that results in falling behind normal progress by six courses, or four more **D** than **B** or better grades, in addition to being placed on probation, will be notified that he or she is subject to dismissal for any additional **F**, **D**, or **W**.

Students may enroll in up to four courses per semester while subject to dismissal.

SUMMARY OF ACADEMIC REVIEW COMMITTEE CATEGORIES

Probation: any one of the following

2 or 3 F grades

F and/or W grades that result in falling behind by
2 to 5 courses

1 to 3 more D than B or better grades

Subject to Dismissal: any one of the following

4 F grades

F and/or W grades that result in falling behind by
6 courses

4 more D than B or better grades

Dismissal:

5 F grades

F and/or W grades that result in falling behind
by 7 courses

5 more D than B or better grades

Second Dismissal: any one of the following

Additional: 2 F grades

F and/or W grades that result in falling behind
by 3 courses

3 or more D than B or better grades

SUSPENSION FROM EXTRACURRICULAR ACTIVITIES

A student placed on probation or subject to dismissal as a result of F and W grades for a second consecutive semester, or as a result of D grades for a fourth consecutive semester, is suspended from participation in college sponsored extracurricular activities, and the directors of the activities notified, so that the student may devote full time to study.

REMOVAL FROM PROBATION

Probationary status remains in effect until the student completes four courses in Eckerd College in one semester with C or better grades and the overall number of B or better grades at least equals the number of D grades.

DISMISSAL

A student who accumulates five or more F grades, or a combination of F and W grades that results in falling behind normal progress by seven courses or more, or five or more D than B or better grades, is dismissed for at least one semester.

Students dismissed for academic reasons are notified in advance of the next regular semester by the Academic Review Committee. This notice also advises the student whether and, if so, when and how to be considered for re-admission.

To apply for re-admission after dismissal, a student should write to the Dean of Students, who shall obtain the approval of the Dean of Faculty as chair of the Academic Review Committee before authorizing readmission.

SECOND DISMISSAL

A student who is re-admitted after having been dismissed for a limited period of time for academic reasons shall be admitted on probation, but is dismissed again if he or she accumulates an additional two F grades, or a combination of F and W grades that results in falling behind normal progress by more than two courses, or three more D than B or better grades.

WITHDRAWALS

Withdrawal from the college at any time is official only upon the completion of the withdrawal form available in the Registrar's office. Requests for re-admission following withdrawal should be sent to the Dean of Students. Students may withdraw to enroll in another college for courses not available here but important to the student's total program. Such courses may be transferred upon the student's return, but must be approved in advance by the Mentor, discipline faculty and Registrar. Students requesting a withdrawal should consult with the Registrar.

THE DEAN'S LIST

The Dean's List is published following the fall semester and the spring semester and includes students who completed four courses with a grade point average of 3.75. Students with incomplete grades at the time of publication are not eligible.

HONORS AT GRADUATION

Eckerd College awards diplomas with Honors to a few students in each graduating class. The criteria and designation for graduation with Honors are: High Honors - 3.8 grade point average or above,

Honors - 3.6 to 3.7 grade point average for courses taken at Eckerd College. To be eligible for Honors a student must have completed at least 18 Eckerd College courses. Students graduating with fewer than 18 Eckerd College course credits with a grade point average of 3.66 or above, will graduate with the designation of Distinction.

REGISTRATION

Registration dates are listed in the calendar at the back of this catalog. Upon completion of procedures as outlined in registration materials, the student's registration is approved by the Controller's office and the Registrar. Students who preregister late will be charged a \$30 fee. Proof of payment must accompany the registration.

All courses for which the student wishes to registrar for credit must be listed on the official registration form. **The student is responsible for every course listed and can receive no credit for courses not listed on this form. After registration day, official changes in registration may be made only through official drop/add cards approved by instructors whose courses are involved. Unless a course is officially dropped, a grade of F will be incurred if the students fails to meet the obligations of the course.** No course may be added after the drop/add deadlines which are printed in the calendar in the back of this catalog.

AUDITORS

Any regularly registered full-time student may audit a course without fee, subject to permission of the instructor. Part-time students or students not registered for credit may attend courses as auditors subject to formal permission of the instructor and payment of an auditor's fee of \$430. Entry is made on the student's permanent record concerning audited classes. A course taken for audit may be changed to credit with the instructor's permission, if the change is filed with the Registrar by the end of the eighth week of a semester.

CANCELLATION OF COURSES

Courses may occasionally be canceled because of low enrollment; however, should this be the case, students will be notified in advance and assisted with arranging a satisfactory substitute.

POLICY ON STUDENT RECORDS

In compliance with Section 438 of the "General Education Provisions Act," entitled "Family Educational Rights and Privacy Act," the following constitutes the College's policy instructing students on the procedures available to provide appropriate access to personal records while protecting the confidentiality of these records.

A "student" is defined as one who has attended or is attending Eckerd College and whose records are in the files of the College. Student records in which this policy applies do not include files retained by individual faculty/staff members which are not accessible to any other person except a substitute designated by the faculty/staff member.

Public information is limited to name, address, e-mail address, phone, major field of study, dates of attendance, admission or enrollment status, class standing, degrees and awards, student organizations, and sports and athletic information.

Public information shall be released freely unless the student files the appropriate form requesting that certain information may not be released. This form is available at the Registrar's Office. Public information which cannot be restricted includes name, enrollment status, degrees, and dates of attendance.

A student's educational record is open to the students, with the following exceptions:

- Confidential letters of recommendation placed in files prior to January 1, 1975.

- Records of parent's financial status.

- Employment records (see below).

- Medical records (see below).

The employment records to which students do not have access are records kept in the normal course of business which relate exclusively to students as employees. Medical records are kept in the Student Health Center. This office rigidly protects the confidentiality of those records, but they can be reviewed by a physician or appropriate professional of the student-patient's choice.

Student records are open to members of the faculty and staff who have a legitimate need to know their contents, except where access is prohibited by special policies such as those governing medical records. The determination of those who have a "legitimate need to know" will

be made by the person responsible for the maintenance of the records. This determination must be made scrupulously and with respect for the individual whose records is involved.

The College has established the following procedures enabling the student to have access to his or her record:

The student may see his or her record by submitting a written request at the office where the records of interest is maintained.

Access is to be granted promptly and no later than thirty days from the date of the request.

The student may make the request in person or by mail, but the request may always be required to be in writing.

The student may obtain upon request copies of documents to which he or she is entitled. The College may charge for these copies.

The student may request and receive interpretation of his or her record from the person (or designee) responsible for the maintenance of the record.

If the student considers the record faulty, he or she can request and receive review of the case to the end that the record will be corrected if judged faulty or in violation of privacy.

Normally, records can be released – or access given – to third parties (i.e., anyone not a member of the faculty and staff) only at the written request of the student. Without the consent of the student, released to third parties may be given only as follows:

To a specific list of persons, primarily including Eckerd College officials.

To Federal, State, and local officials as required by law.

To appropriate persons in an emergency situation when necessary to protect the welfare of the individual.

To parents of a student who is a dependent for income tax purposes.

A student may secure from the Registrar's Office a consent form authorizing the release of specified records to specific individuals. A notification of releases made to third parties must be kept in the student's record. This notification is open only to the student and the person in charge of the record.

The third party must be informed that no release of personally identifiable data authorized without the written consent of the student.

This policy does not preclude the destruction of any record if the College does not consider it germane. Persons in charge of records should ensure that only pertinent items are retained in student files.



DESCRIPTIONS OF COURSES AND MAJORS

(Alphabetically by Discipline)

Meaning of Letters and Numbers

1. The **first two letters** indicate the discipline offering the course.
2. The **third letter** indicates the collegium. **A**-Creative Arts; **L**-Letters; **C**-Comparative Cultures; **B**-Behavioral Science; **N**-Natural Sciences; **F**-Foundations; **I**-International (offered abroad).
3. Interdisciplinary courses are indicated by the collegial designations **CRA**-Creative Arts, **BEB**-Behavioral Science, **CUC**-Comparative Cultures, **LTL**-Letters, **NAN**-Natural Sciences, **FDF**-Foundations, **INI**-a course offered abroad, and **QFM** indicates Quest for Meaning perspective course.
4. The **first digit** of the three numbers indicates the level of the course: 1 and 2 indicate a course at the Freshman or Sophomore level; 3 and 4 indicate a course at the Junior or Senior level.
5. The **second and third digits** are used at the discretion of the collegium.
331-332 indicates Special Topics
410 indicates a Senior Seminar
498 indicates Comprehensive Examination
499 indicates Senior Thesis or Project
6. **Perspective courses** are indicated by a letter after the third digit: **A**-Aesthetic, **G**-Global, **E**-Environmental, **N**-Scientific, **S**-Social Relations. Courses which meet the computation requirement are indicated by **M** after the digits.

The required four different perspective courses must be taken in four different collegia.

Opportunities for independent study are available in all collegia. Independent study contracts are negotiated between the student and the faculty sponsor. Independent study contract forms are available in the Registrar's office.

Directed studies are listed in this catalog. Copies of directed study syllabi are available in the Registrar's office. Some directed studies are available through the Program for Experienced Learners only. Please consult the PEL Director for a list of these.

An academic minor is an option available to all students. The academic minor consists of five courses from a single major, to be determined by the faculty in charge of the major. A minor may be earned only in those courses in which a major exists.

COURSES LISTED IN THIS CATALOG ARE NOT NECESSARILY OFFERED EACH YEAR.

DESCRIPTIONS OF COURSES AND MAJORS (Alphabetically by Discipline)

AESTHETIC PERSPECTIVE COURSES

Aesthetic perspective courses provide an introduction to the powers, purposes, and expressive devices of the visual, performing, or literary arts. Whether in creative expression, aesthetic analysis, or historical appreciation, all assert the centrality of the arts as a means of human growth and expression, and provide students with a basis upon which to understand the creative process and make informed aesthetic value judgements.

AHL 202A Introduction to Greek Art

For description see Art.

AML 201A Introduction to American Studies

AML 311A The Politics of Race in American Fiction

For description see American Studies.

ARA 329A The Art Experience

For description see Art.

ARI 321A British Painting 1760-1960

For description see International Education, London Offerings.

Aesthetic Perspective Courses

CLL 200A Classical Mythology

CLL 260A Greek & Roman Drama

CLL 261A Greek Tragedy and It's Influence

CLL 271A Greek Literature and Civilization

For description see Classics.

CRA 141A Introduction to the Arts

History of music, literature, the visual arts, architecture, dance, and film correlated with the history of Western civilization for a deeper understanding and appreciation of the arts of the Western world.

CRA 203A Aesthetics East and West

Compare several art forms of the East and West, looking at what distinguishes art and what social and economic uses it serves in different cultures. Visits to museums and performances.

CRA 225A Music and Architecture

Fundamentals of art criticism applied to various "multimedia" phenomena; aesthetic theories extracted. Freshmen by permission of instructor.

CRA 384A 20th Century American Women in the Arts

For description see Literature.

FDF 222A Writing Narrative/Constructing Knowledge

For description see Composition.

FRC 370A Literature and Film in Postwar France

FRC 308A Introduction to French Literature and Culture

For descriptions see Modern Languages, French.

GRC 203A The World As Theater

GRC 205A Heroes: Ethics on Stage (1600-1996) (in translation)

GRC 206A Heroes: Ethics on Stage (1600-1996) (in German)

GRC 255A The Third Reich in German Films (in translation)

GRC 256A The Third Reich in German Films (in German)

GRC 355A Kafka, Mann, Wolf: Ethics of Prose (in translation)

GRC 356A Kafka, Mann, Wolf: Ethics of Prose (in German)

For descriptions see Modern Languages and Literatures, German.

HIC 244A Cultural History of Russia

HIL 363A Renaissance Italy and the Arts

HIL 374A Celtic Culture and History

For description see History.

LII 313A Contemporary British Novels

For description see International Education, London Offerings

LIA 242A Introduction to Native American Literature

LIA 267A Literature of Healing and Dying

LIA 281A The Rise of the Novel

LIA 282A The Modern Novel

LIL 349A Fiction from Around the World

LIA 380A Images of the Goddess

LI/THA 362A Film and Literature

LIL 209A Religion in Literature

LIL 210A Human Experience in Literature

LIL 231A Literature of Exploration & Discovery

For descriptions see Literature.

LIC/RUC 232A Russian Classics in Translation

For description see Russian Studies.

MUA 221A Introduction to Music Literature

MUA 326A American Music and Values

MUA 331A Topics in Music Literature

For descriptions see Music.

PLL 263A Aesthetics

For description see Philosophy.

REL 242A Dead Prophets Society

REL 272A Creativity and the Sacred

For description see Religious Studies.

RUC/LIC 232A Russian Classics in Translation

For description see Russian Studies.

SPC 300A Short Fiction: Study and Translation

SPC 301A Civilization and Culture

SPC 310A Real/Surreal: Lorca, Bunuel, Dali

For descriptions see Modern Languages, Spanish.

THA 102A The Living Theatre

THA 265A CAD: Applications for the Theatre

THA 322A Communication Arts and Persuasion

THA 323A Literature in Performance

THA/LIA 362A Film and Literature

THA 382A Theatre Beyond Literature

For descriptions see Theatre.

THI 365A Theatre in London

For description see International Education, London Offerings.

AMERICAN STUDIES

A broad, interdisciplinary major in American civilization that focuses upon American experience and identity, past and present, using the methods and approaches of a variety of academic disciplines, as well as the distinctive cultural perspective of American Studies. At Eckerd college, the program is built around the core disciplines of history, literature, political science, and cultural anthropology. In order to allow students to shape their courses of study to their own intellectual goals, the major may also include courses in diverse fields such as philosophy, religion, art, economics, women's and gender studies, and sociology, provided that the courses are related to understanding the society and culture of the United States. Each student's program is developed in consultation with a faculty committee, and should form a consistent pattern of courses in American culture and institutions.

Students who complete the American Studies major demonstrate the following competencies:

- knowledge of American history, institutions, environment, and culture, within an interdisciplinary perspective, demonstrated by the ability to talk and write intelligently about these fields.
- ability to define and evaluate the core values of American culture.
- knowledge of the development of the field of American Studies as an academic discipline.

- understanding of the methods, scope, and perspective of the field of American Studies.
- understanding of a core discipline in American Studies (e.g., American history, American literature, American Government, Cultural Anthropology) and how it relates to the larger field of American Studies. An understanding of how the study of the core discipline is enriched by the interdisciplinary approach of American Studies.
- ability to relate the various courses and approaches that have been taken as a part of the major program, and defend the interdisciplinary approach to the study of the United States.
- familiarity with the classic works in American Studies that relate the fields of American literature and history and the ability to evaluate the author's methodology.
- demonstrated ability to undertake a research project that will explore important issues and problems in methodology and interpretation of American Studies.

A major in American Studies consists of a minimum of ten courses. Six of the ten courses must be beyond the introductory level. Electives in the major should be chosen in consultation with discipline faculty. Students who wish to focus on minority, ethnic, or women's issues should choose appropriate courses within the requirements for the American Studies major. Each student majoring in American Studies must pass a Senior comprehensive examination, or, if invited by the faculty, write a Senior thesis.

The American Studies major should include at least five courses from one of the core disciplines of history, literature, political science, or cultural anthropology. The introductory survey course of the core discipline should be chosen in consultation with discipline faculty. In addition, American Studies majors should choose at least three American Studies courses, which must include AML 201A and AML 400, and at least one other American Studies course. At least two additional courses should be chosen from another discipline, and should directly relate to the study of American culture and society. In addition to courses from another of the core disciplines, students may choose courses in the following areas: courses that

have a comparative perspective or that place American culture or society in a global context; Cultural Studies courses in media, communication, and representation, with a substantial component dealing with the United States; courses with an African American or Women's and Gender Studies emphasis; or courses with an environmental focus, with a substantial component dealing with the United States.

For a minor in American Studies, students will take five courses, including AML 201A and AML 400, and three electives related to American Studies, chosen in consultation with discipline faculty. Three of the five courses must be at the 300 level or above.

AML 201A Introduction to American Studies

Significant works and methods of American Studies, while surveying cultural themes of American identity and issues of American experience.

AML 306S American Myths, American Values

Myths in American history, literature, and religion which shape Americans' understanding of their identity and history.

AML 307S Rebels with a Cause: Radicals, Reactionaries, and Reformers (Directed Study available)

Reform and radical ideology of the 19th and 20th centuries. Populism, progressivism; nationalist, civil rights, peace, feminist, environmental movements.

AML 308S Becoming Visible: Sex, Gender and American Culture (Directed Study available)

Changing perspectives on what it means to be male or female in the U.S. Historical origins and sources of values concerning masculinity and femininity.

AML 311A The Politics of Race in American Fiction

Examining ways in which race was constructed in narrative by and for the conventions of a white, 19th century reading public and how those ways have been "reconstructed" in the 20th century.

AML/ESL 314E The Environment in American Thought

Examine the ways the physical environment has been conceptualized as cultural landscapes in the American past, from the Puritans "errand into the wilderness" to more recent encounters in the chaotic world of Jurassic Park. Use primary and secondary materials, including visual artifacts such as paintings, film, photographs, and literary works. Evaluation on mid-term examination, 2 essays, and final project. Sophomore, junior or senior status.

AML 339 The Great Depression and American Life

Exploring American life during the Great Depression in its social, cultural, and environmental aspects, using literature, mass media and on-line archival resources.

AML 400 Theory and Practice in American Studies

Integrating, capstone course for American studies majors. Develop an understanding of the field as an academic discipline and the relationship between the various disciplines that make up the field.

ANTHROPOLOGY

Anthropology is the holistic study of humankind, embracing cultural diversity, human origins, linguistics, and the application of knowledge to current social problems.

Those completing the anthropology major demonstrate the ability to:

- define and discuss the differences between the biological and the cultural aspects of humankind, and the interdependence of these two areas.
- conduct literature research and engage in scholarly writing that is logically cohesive and properly documented.
- explain the concept of cultural relativity and discuss the implications for intercultural relations.
- distinguish arguments or positions based on sound data and logically reasoned, from those which lack sound supporting data and/or rest on questionable assumptions.

They must have:

- knowledge and experience in the fundamentals of empirical research, including anthropological methods and techniques of gathering data, data analysis, and the writing of a research report.
- familiarity with a variety of topical, regional and applied fields of inquiry.
- preparedness for graduate programs in the field of anthropology and in related multicultural and international fields.

The goals include introducing students to the different career choices in the academic world and in international business.

Requirements for the major include successful completion of six core courses: Introduction to Anthropology, Research Methodology, Anthropological Theory, Physical Anthropology, Statistical Methods, Linguistics or Field Archaeology; plus completion of five other courses in anthropology, two of which must be applied courses, and an oral comprehensive examination, with a C or better in all courses. In addition, anthropology majors must participate in at least one overseas study experience during their time at Eckerd College, ideally in a non-Western culture. Exceptions can be made only after consultation with the anthropology faculty.

Sequencing: Introduction to Anthropology in the Freshman year or as the foundation course on which the succeeding courses are built, and all other anthropology courses, with the exception of Introduction to Anthropological Research Methodology and Anthropological Theory, which are taken in the Junior or Senior year.

Requirements for the minor are Introduction to Anthropology, and any additional four courses in anthropology.

ANC 201G Introduction to Anthropology

Introduction to the four fields of anthropology: physical, cultural, linguistics, and archaeology. Includes such topics as economy and exchange, religion, political organization, kinship, and gender roles, from a comparative perspective.

ANC 204 Introduction to Archaeology

Introduction to basic concepts in archaeology which provides information for making decisions about the role and importance of archaeology.

ANC 205 Introduction to Primate Studies

Evolution of diversity, socioecology, behavior, social relationships, communication, intelligence of primates; conservation and biomedical research. Observation techniques through field project. Prerequisites: ANC 201G and/or 240; biology majors with permission of instructor.

ANC 208 Human Sexuality

Overview of human sexuality, including cross-cultural and evolutionary perspectives. Range of sexual behavior and attitudes exhibited by humans, to help put one's own sexuality in perspective.

ANC 230 Linguistics

The scientific study of language and its context: the elements of language and its uses in personal thought, social interaction, cultural values and institutions.

ANC 240 Physical Anthropology

Concepts, theories, methodologies used in the study of homo sapiens: evolutionary theory, primate behavior, fossil evidence, human adaptation, sociobiology, and aggression.

ANC/IBC 260 The Cultural Environment of International Business

Challenge of conducting business operations successfully in a cultural environment distinct from one's own.

ANC/IBC 262E Environment, Population and Culture

Long-range anthropological view of population growth and technology, prime movers of cultural evolution, from prehistoric times to present, using China as a case study.

ANC 282G East Asian Area Studies

Examination of the more enduring features of China and Japan, through art, architecture, literature, customs, religious beliefs and intellectual traditions. Prerequisite: Sophomore standing.

ANC 283G Southeast Asian Area Studies

Exploration of the diverse cultures of Southeast Asia in terms of religions, tradition, art, music, theatre, architecture and ways of life.

ANC 285G Latin American Area Studies

A multidisciplinary, contemporary overview of the peoples and cultures, achievements and challenges faced in Latin America.

ANC 286G Cultures of Sub-Saharan Africa

Cultural heritage of Sub-Saharan nations, including history, economy, politics and social structure. Selected ethnographies for in-depth study.

ANC 287G Caribbean Area Studies

Surveys the culture history and ways of life of the peoples of the Caribbean region; their economic system; socioeconomic forms of organization; domestic organization and gender relations.

ANC 333 Introduction to Anthropological Research Methodology

Design and implementation of different types of research modes. Field work projects. Prerequisite: ANC 201 or permission of instructor.

ANC 334G Fertility and Reproduction

Study of human reproduction and population growth.

ANC 335E Cultural Ecology

Relationships between environment and cultural systems. Prerequisite: ANC 201G

ANC 336 Ethnic Identity

Role of ethnic identity in nationalism, non-assimilation of minorities, intercultural understanding, communication and interaction.

ANC 337 Anthropology and Education

Contemporary problems facing educators and learners in formal and nonformal education in the Third World and in minority groups. Methods of conducting ethnological fieldwork in education. Major trends in role of education in development. Prerequisite: ANC 201G.

ANC 338 Anthropology and Religion

Religious beginnings, role in human life, and movements from an anthropological viewpoint. Primitive religions, movements in industrialized society. Selected case studies. Prerequisite: ANC 201G (exceptions made for religion and other interested majors).

ANC 339 Developmental Anthropology

Population growth, hunger and nutrition, agricultural development, role of cultural factors such as economic decision-making, risk-taking, gender roles. Prerequisite: Sophomore or better or permission of instructor. ANC 201G recommended.

ANC 340 Conflict Studies

Conflict and its resolution in other cultures, gender, family, education, corporate, xenophobia, prejudice. Methods of resolution such as third party, negotiation, mediation, arbitration. Prerequisite: Sophomore or better or permission of instructor. ANC 201G recommended.

ANC 350 (Directed Study) Introduction to Museum Work

Hands-on experience with artifacts, cataloging, restoring and cleaning, designing and constructing an exhibit based on research. Minimum 120 hours. Prerequisite: at least one anthropology course and consent of instructor.

ANC/IBC 361 International Management

For description see International Business.

ANC 410 Anthropological Theory

Senior seminar for anthropology majors. Schools of thought on evolution, diversity, diffusionism, culture and personality.

ART

The visual arts major is process and project oriented. Students develop their own area of emphasis, focusing on imagery and content through their chosen media. The major should be seen as the central part of the student's education, with other college requirements and electives serving to shape the young artist as a whole person.

Specific focus and courses for the major are worked out with a visual arts Mentor. Every program must consist of a minimum of ten studio courses, including ARA 101, 102, and 320, plus two approved courses in art history from outside the discipline. Every student must pass the required Sophomore show review in the categories of drawing and design before undertaking the Senior thesis exhibition. The Senior thesis exhibition is required of all majors for graduation, and must demonstrate technical competence and a developed artistic vision, the ability to work in a

sustained way with a visual problem or problems, and to organize gallery space coherently. A required Senior seminar in the final semester concludes the visual arts major.

Requirement for Junior Transfer Students

A student transferring from another college at the Junior level and electing to major in art must submit a portfolio of work demonstrating competency in drawing and design as a substitute for the required Sophomore show. Students unprepared to submit a portfolio or who do not demonstrate competency in both areas may not expect to graduate in two years with a major in visual arts. The normal four year program moves from structured courses, to greater freedom, to the independently executed Senior thesis show.

Freshmen

- Visual Problem Solving
- Drawing Fundamentals
- Choice of workshop courses

Sophomores

- Choice of workshop courses
- Sophomore show
- Art History

Juniors

- Art History
- Choice of workshop courses
- Studio Critique

Seniors

- Thesis show preparation
- Senior thesis show
- Senior Seminar

An art minor consists of ARA 101,102, and one approved course in art history, plus three other studio courses approved by the art faculty for qualification for the minor.

AHL 202A Introduction to Greek Art

Major developments in the arts of the Greeks from the Bronze Age through the Hellenistic period. Examples of painting, architecture, sculpture, personal ornaments, carved ivories, gems and coins placed in cultural context.

ARA 101 Visual Problem Solving

Systematic approach to visual arts, developing skills in spatial organization, relating forms in sequence, discovering uniqueness, personal approach to solutions, even within narrow, arbitrarily prescribed bounds.

ARA 102 Drawing Fundamentals

For the novice or the initiated, an immersion in new ways of seeing, eye-hand coordination, self-discovery, and self-expression through varied drawing media, using as sources the figure, still-life, nature, and imagination.

ARA 205 Calligraphy I

The calligraphy styles of England, Europe and America. Introductory survey open to all students regardless of major.

ARA 206 British Calligraphy

Learning two British styles of alphabet letter forms. Weekly writing assignments and five finished, formal examples of each style, matted or shrink-wrapped. Not open to Freshmen.

ARA 207 American Calligraphy

Learn to write in two American alphabet styles. Course-long journal, final five calligraphy works, matted or shrink-wrapped.

ARA 222 Clay I

For beginners, the fundamentals of ceramic materials, handforming, recycling, glazing, firing. Laboratories with supervised working time and lectures on technical knowledge.

ARA 223 Relief Printing

In-depth investigation of one of the oldest print mediums, using linoleum as the primary matrix to explore design and graphic imagery in both black and white and color. Prerequisite: ARA 101 or 102.

ARA 225 Etching

Basic techniques of etching, including hard and soft grounds, aquatint, drypoint, open biting, embossing, and color printing. Experimentation and an imaginative approach is expected. Prerequisites: ARA 101 and 102.

ARA 227 Magic, Mythology and Ritual Art

Collage and assemblage objects used in rituals throughout history, with papers documenting content, process and history.

ARA 228 Painting Workshop

Introduction to process of painting with emphasis on each student finding his/her own imagery, exploring technical means. Any medium or combination allowed. Prerequisite: ARA 101 and 102.

ARA 229 Photography as Image Gathering

Process, techniques, and aesthetics of taking and developing black and white photographs. No prerequisites, but the student should have access to a camera with adjustable aperture and shutter speeds.

ARA 241 Intermediate Drawing

A variety of traditional and non-traditional drawing media. Visit museums and galleries. Prerequisite: ARA 101 and 102.

ARA 301 Collage and Assemblage

Production of two- and three-dimensional objects and images, employing various materials, exploring the interface between painting and sculpturing. Prerequisites: ARA 101 and 102.

ARA 303 Asian Art and Techniques

Learn oriental art appreciation. Explore and practice the forms, styles, techniques and materials of oriental art (mostly Chinese). Prerequisites: ARA 101 or 102 or permission of instructor by portfolio review.

ARA 306 Calligraphy II

Further development of skills in one particular British or American alphabet, with its history and various uses. Prerequisite: ARA 206 or 207 and permission of instructor.

ARA 308 Throwing on the Potter's Wheel

Throwing instruction and practice. Skill, aesthetic considerations, techniques and critiques. Prerequisite: ARA 222 or permission of instructor. Offered alternate semesters.

ARA 309 Ceramic Sculpture

Various techniques from forming through surface finishes. Clay as a sculpture medium from prehistoric through contemporary use, with an overview of history. Prerequisite: ARA 101 and 222.

ARA 320/420 Studio Critique

Maximum of independence with regular critiques, each student preparing a contract for work in media of the student's choice. Class used for review of work, field trips and discussion. Prerequisites: art majors only who have completed the Sophomore show requirement.

ARA 321 Advanced Drawing

Critique forum for students ready to do serious work in various drawing media, developing a personal mode of expression. Emphasis on experimentation with new materials and ideas. Must be capable of working independently. Prerequisites: ARA 101,102 and permission of instructor.

ARA 322 Advanced Photography Critique

Intensive independent projects designed to encourage imaginative examination of the local environment. Class critiques weekly. Evaluation on final portfolio of at least 20 finished mounted prints exhibiting technical excellence and creative insight. Prerequisite: ARA 229 and permission of instructor.

ARA 325 Monoprinting

Use etching press to explore ways of achieving single-impression images through use of oil, watercolor and printing inks. Demonstrations, critiques, individual supervision, culminating in exhibition at end of semester. Prerequisites: ARA 101 and 102.

ARA 327 Painting Workshop II

ARA 328 Painting Workshop III

Continuation of process begun in ARA 228. Individual instruction with periodic group critiques. Emphasis on larger scale works and technical appropriateness. Prerequisites: ARA 228 for 327; 327 for 328.

ARA 329A The Art Experience

Students select one artist and do art works and research on the life and times of that artist, and make a presentation on both the art works and the facts. Not open to Freshmen. Sophomores with instructor's permission.

ARA 342 Introduction to Graphic Design

Basic elements of graphic design: typography, modern print techniques, illustration, photography in advertising, publishing, mass media. For Juniors and Seniors; others by permission.

ARA 343 Introduction to Computer Art

The importance, versatility, persuasiveness and potential of computer art. Become familiar with computer graphics programs and develop personal electronic art languages. Prerequisite: ARA 101 and 102, or permission of instructor.

ARA 344 Computer Art II

Intermediate level based on ARA 343. Prerequisite: ARA 101, 102, 343, or permission of instructor.

ARA 346 The Art of Web Page Design

The importance, versatility, persuasiveness and potential use of art on the internet. Become familiar with WWW design and computer graphic programs and develop personal creativity in digital art. Prerequisite: ARA 101 and 102, or permission of instructor.

ARA 410 Visual Arts Senior Seminar

Senior thesis closure. Critiques, slide-making, portfolio building, resume writing, interviews with artists, visits to off-campus art events, graduate school concerns, larger art issues.

ARA 420 Studio Critique

For description see ARA 320.

ARA 499 Senior Thesis and Seminar

For Senior art majors preparing thesis shows, self-structured time to work, regular weekly meetings, critiques, practice in hanging and criticizing shows. Personal, individual discussion time with instructor. Prerequisite: Senior major in art.

ARI 321A Art History: British Painting 1760-1960

ARI 351 (Directed Study) History of English Architecture

For descriptions see [International Education, London Offerings](#).

AUTUMN TERM PROJECTS

Descriptions of autumn term projects are published in a separate brochure.

BIOLOGY

The biology major is designed to give a broad pre-professional background for students interested in careers in biology, molecular biology, biomedical science, environmental science, and related fields.

Biology students are required to demonstrate basic knowledge in seven areas of the life sciences (invertebrate, vertebrate, botany, cell, genetics,

physiology and ecology). They learn how to develop experiments to test appropriate hypotheses, use skills and laboratory techniques necessary for investigative research, gather and analyze data, and evaluate and synthesize information thus obtained. They gain an appreciation of the history of the life sciences and see their connection to study areas included in the biology major curriculum, and the relationship of information gained from a scientific perspective to values-oriented issues in their lives. Through this program, students also have the opportunity to improve and perfect their listening, writing and speaking abilities.

Students demonstrate achievement of the biology program by satisfactory completion of a Senior comprehensive exam or Senior thesis, and ordinarily the courses listed below:

For the B.S. degree: (pre-professional)

Students must fulfill all the general education requirements, and for the biology major, they must complete MAN 131M (Calculus I), MAN 133 or BEB 260M (Statistics), CHN 121, 122, 221, and 222, (general and organic chemistry), PHN 241, 242 (Physics), eight biology courses (Biodiversity I and II, or the equivalent, Cell Biology, Genetics, Physiology, Ecology, and two biology electives) and Biology Seminar. Students participating in off-campus programs may petition for alternatives to these specifications.

For the B.S. degree, foreign language may be taken in the Junior year to accommodate the early completion of prerequisite courses in chemistry and mathematics. Beginning students are strongly encouraged to begin General Chemistry their first semester.

Sample molecular and organismic course sequences for the B.S. degree in Biology:

Both sequences:

Semester 1	Biodiversity I & General Chemistry I
Semester 2	Biodiversity II & General Chemistry II
Semester 3	Cell Biology & Organic Chemistry I
Semester 4	Genetics & Organic Chemistry II

Molecular option:

Semester 5	Developmental Biology or Advanced Genetics
Semester 6	General and Molecular Physiology
Semester 7	Ecology and Microbiology
Semester 8	Immunology and/or Independent Study

Biology

Organismic option:

- Semester 5 Ecology or Vertebrate Biology
- Semester 6 Comparative Physiology
- Semester 7 Marine Mammalogy or Fish Biology
- Semester 8 Conservation Biology and/or Independent Study

For the B.A. degree: (liberal arts)

Students must meet the general education requirements and for the biology major they must complete eight biology courses (including Biodiversity I and II, or the equivalent, Cell Biology, Genetics, Physiology, Ecology, and two biology electives) and Biology Seminar (interpretive sections of BIN 305 and BIN 306 may be substituted for the “investigative courses”), plus MAN 131M (Calculus I), a statistics course and General Chemistry I and II.

Students who major in biology may not also major in marine science (biology track), or biochemistry.

For the Biology minor:

A minor requires five biology courses, not including more than two at the 100 level, perspective courses, or directed or independent studies. At least one of the five courses must be at the 300 level or above.

BIN 100/101 Biodiversity I and II

Survey of all living organisms, variation in structure and function, ecological roles and evolutionary relationships. Provides solid foundation in organismic biology for beginning students.

BIN 187 Plant Biology

Evolution, diversity and development of plants, their place in the ecosystem and responses to environmental conditions. Vascular, non-vascular marine, freshwater and land plants. Field trips.

BIN/MSN 188 Marine and Freshwater Botany

BIN/MSN 189 Marine Invertebrate Biology

For descriptions see **Marine Science**.

BIN 200 Biology of Vertebrates

Classification, evolutionary history, structure, neo-Darwinian evolution and evolutionary features as seen in anatomy of aquatic and terrestrial chordates.

BIN 201E Ecosystems of Florida

Ecosystems of west-central Florida, including the marine, freshwater, lowland and upland systems;

study the biological interaction occurring in the ecosystems of the Tampa Bay region.

BIN 202 Cell Biology

Structure, function and the flow of energy as the unifying principle linking photosynthesis, anaerobic, aerobic respiration and expenditure of energy by the cell. Prerequisites: CHN 121 and Sophomore standing.

BIN 204 Microbiology

Biology of microorganisms; microbiological techniques, isolation and identification of unknown organisms.

BIN/MSN 301 Principles of Ecology

Physical, chemical and biological relationships in natural communities. Field work in nearby ponds and Gulf shoreline. Prerequisites: Junior or Senior standing. Corequisite: BIN 303 or 305 or permission of instructor.

BIN/MSN 302 The Biology of Fishes

For description see **Marine Science**.

BIN 303 Genetics: Investigative

Mendelian and transcription genetics from historical perspective. Experimental approach emphasized. Small lab groups participate in experimental design, and develop research skills in both classical genetic systems and molecular biology. Prerequisite: CHN 121, 122, BIN 202 or permission of instructor. Corequisite CHN 221. Marine science majors may substitute MSN 301 for CHN 221/2.

BIN 305 Genetics: Interpretive

See BIN 303. Library research project in place of investigative lab. Prerequisite: CHN 121 and corequisite of CHN 122.

BIN 307 Ecology of Amphibians and Reptiles

Fundamental concepts in ecology through the study of amphibians and reptiles. Meets ecology requirement for biology, marine science and environmental studies majors. Prerequisite: BIN 101 or 200.

BIN 308 General and Molecular Physiology

Mammalian nervous, endocrine, muscle, cardiovascular, respiratory, digestive, urinary, immune, reproductive systems. Macro and molecular aspects. Prerequisites: BIN 202 and CHN 121, 122.

BIN 310 Techniques in Electron Microscopy

Research techniques such as tissue preparation, sectioning with an ultramicrotome, filming observations. Prerequisites: Junior standing, science major, permission of instructor.

BIN/MSN 311 Marine Mammalogy

For description see **Marine Science**.

BIN/MSN 314 Comparative Physiology: Investigative

Physiological mechanisms of animals and general principles revealed through application of comparative methods. Creative project lab to develop research skills. Prerequisite: CHN 121,122, 221, BIN 202, 303.

BIN/MSN 315 Elasmobranch Biology and Management

Systematics, evolution, ecology, behavior, and anatomical and physiological adaptations of sharks and rays. Current scientific research, human impact, how populations can be managed. Prerequisites: BIN 101 or 200 and Junior standing.

BIN 316 Comparative Physiology: Interpretive

See BIN 314. Library research project or independent alternative in place of investigative lab. Corequisite: CHN 122.

BIN 350 Human Physiology (Directed Study)

Nerves, muscles, sense and endocrine organs; cardiovascular, respiratory, digestive, reproductive, excretory systems; metabolic integration. Suitable for biology majors off-campus unable to take scheduled physiology courses. Prerequisites: CHN 122, BIN 202 and permission of instructor

BIN/MSN 402 Marine Ecology

For description see **Marine Science**.

BIN 406 Advanced Topics in Botany

Subjects investigated determined by student interest. Prerequisite: BIN 187 or 188.

BIN 407 Paleobotany

Ancient environments and formation of fossils, evolution of plants, research techniques, field trips. Prerequisite: BIN 187 or 188, at least Junior standing and permission of instructor.

BIN 410 Biology Seminar

Topical concerns in biology, especially those not fully explored in other areas of the biology

curriculum. Junior, Senior biology majors participate for one course credit; Sophomores invited to attend.

BIN 420 Advanced Ecology and Evolution

Read and evaluate scientific literature and conduct a semester-long independent field research project on selected topic. Prerequisites: B or better in BIN 301 and permission of instructor.

BIN 422 Advanced Topics in Genetics

Selected topics from contemporary areas of genetics. Gene regulation in embryological development, oncogenes, immunogenetics, genetic engineering, human genetics. Biological and social implications. Prerequisite: BIN 303 or 305 or permission of instructor.

BIN 424 Developmental Biology

Molecular and morphological mechanisms underlying the development of body plans and organ systems in marine and terrestrial embryos. Current scientific literature, modern experimental techniques, independent laboratory research projects. Prerequisites: BIN 202 and BIN 303 and instructor's permission.

BIN 430 Independent Research in Biology

For students interested in pursuing careers in biology, intensive instruction in use of laboratory and/or field equipment. Various methodology approaches, current and historical, used in scientific investigation. Prerequisites: CHN 121, 122, 221, 222, BIN 202, 303, and instructor's permission.

BIN 499 Independent Research - Thesis

Upon invitation, Seniors may design and carry out a creative research program, usually resulting in a written dissertation which is defended in the spring of the senior year.

NAN 320 Introduction to Research: Scientific Communication

Historical and philosophical framework for scientific inquiry, modern techniques for bibliographic research, writing scientifically and making scientific presentations. Prerequisite: must be doing collaborative scientific research with a faculty member.

See also **Marine Science** and **Sea Semester**.

CHEMISTRY

The capabilities and skills that chemistry majors are expected to obtain include knowledge of chemical synthesis, analysis, and theory. In addition, students acquire competence in laboratory techniques, the use of chemical instrumentation, and computers, written and oral communication, and the ability to use the chemical literature.

Since the chemistry curriculum is currently undergoing revision, the course requirements for each of the degree programs depend on the year the student enters the college.

Students entering in or before 1997 should consult the 1996-98 catalog for requirements.

For students entering after 1997:

B.A. CHEMISTRY DEGREE: CHN 121, 122, 212, 221, 222, 321, 326, and one upper level chemistry elective.

B.S. CHEMISTRY DEGREE: CHN 121, 122, 212, 221, 222, 321, 322, 326, 424, and one upper level chemistry elective.

B.S. CHEMISTRY DEGREE (ACS Certified): CHN 121, 122, 212, 221, 222, 321, 322, 326, 415, 424, 429 or 499, and one upper level chemistry elective.

B.S. CHEMISTRY DEGREE WITH BIOCHEMISTRY EMPHASIS (ACS CERTIFIED): CHN 121, 122, 212, 222, 321, 322, 326, 415, 417, 424 and either 429 or 499. Cell Biology (BIN 202) and Genetics (BIN 303) are also required.

B.S. (UNCERTIFIED) DEGREE, BIOCHEMISTRY TRACK: CHN 121, 122, 212, 221, 222, 321, 326, 415, 417, BIN 202, BIN 303, BIN 308.

Two of the following courses could be used to replace the Biodiversity I and II sequence: MSN/BIN 188 Marine and Freshwater Botany, MSN/BIN 189 Marine Invertebrate Biology and BIN 200 Biology of Invertebrates. Also CHN 321 may be taken in place of CHN 420, although CHN 420 is preferred for this track.

The B.S. (Certified) degrees have been approved by the American Chemical Society (ACS).

For any degree, students must also take MAN 131/2M, PHN 241/2 and CHN 410 Chemistry Seminar. Additionally, students must satisfy the collegium requirement of 12 courses for the B.A.

degree and 16 courses for any of the B.S. degrees. A working knowledge of computers is strongly recommended for all courses beyond CHN 222. Finally, students must maintain a C average or better in courses within the chemistry discipline and the required supporting courses listed above.

Students who major in chemistry in the uncertified biochemistry track may not also major in biology.

Students may obtain a minor in chemistry by earning at least a C in CHN 121 and in any four of the following: CHN 122, 212, 221, 222, 321/323, 322/324, 326, 415, 424.

CHN 110 Introduction to Chemistry

Chemical principles and problem-solving skills. Biweekly labs. Not open to students who have completed CHN 111 or 121 with a grade of C or better. Prerequisite: high school algebra.

CHN 121 General Chemistry I

Intended for those who plan to major in the sciences. Examines modern chemical theory including stoichiometry, gas laws, atomic structure and bonding solutions, and kinetics. The laboratory complements the lecture material and is quantitative in nature. Evaluation based upon exams, quizzes, final exam, and the laboratory. Prerequisites: high school chemistry and three years of high school mathematics or Introduction to Chemistry with a grade of C or better.

CHN 122 General Chemistry II

Topics include thermodynamics, chemical equilibria, ionic equilibria, acid-base chemistry, electrochemistry descriptive inorganic chemistry, and nuclear chemistry. Evaluation based upon exams, quizzes, final exam, and the laboratory. The laboratory includes instruction in the use of instrumentation for chemical measurements. Prerequisite: General Chemistry I with a grade of C or better.

CHN/PHN 209N Survey of Astronomy

Planets, stars, galaxies, celestial motion. Some night observing sessions.

CHN 211 Inorganic Chemistry

Atomic structure, chemical bonding, periodic relationships, reactions and properties of representative inorganic compounds, introduction to quantitative aspects of thermodynamics and kinetics. Prerequisite: CHN 111 with a grade of C or better. Corequisite: MAN 131M.

CHN 212 Analytical Chemistry

This course examines modern analytical separations and measurements including gravimetric, volumetric and instrumental techniques, through the detailed study of acid-base equilibria, redox chemistry, solubility and complex ion equilibria and their application to chemical analysis. The laboratory provides intensive instruction in hands-on practical application of the techniques described. Evaluation based upon exams, quizzes, final exam and laboratory. Prerequisite: General Chemistry II, and Calculus I with a grade of C or better in each.

CHN 221 Organic Chemistry I

First of a two-course sequence dealing with the chemistry of carbon-containing compounds from simple aliphatic hydrocarbons to alcohols. Structure, properties, functional groups, reactions, chemical synthesis, and stereochemistry are examined in depth with an emphasis on reaction mechanisms. The laboratory introduces the basic techniques of experimental organic chemistry and includes chromatographic separations, distillation, extraction, and simple functional group interconversions. Evaluation based upon exams, quizzes, final exam, and laboratory. Prerequisite: General Chemistry II with a grade of C or better.

CHN 222 Organic Chemistry II

A continuation of CHN 221. Structure, properties, reactions, and synthesis of carbonyl compounds and carboxylic acid derivatives, aromatic compounds, carbohydrates, amino acids, and nucleic acids are examined. Relevant aspects of bioorganic chemistry are introduced. Infrared spectroscopy, nuclear magnetic resonance spectroscopy, and gas chromatography-mass spectrometry are studied as methods for structure determination. The laboratory includes natural product isolation, multistep synthesis, and organic structural analysis using the methods described above. Evaluation based upon exams, quizzes, final exam and laboratory. Prerequisites: Organic Chemistry I with a grade of C or better.

CHN 321 Physical Chemistry I: Investigative

Laws of thermodynamics, free energy, and chemical equilibrium; solutions of electrolytes, non-electrolytes; electrochemistry, chemical kinetics, and kinetic theory. Prerequisites: CHN 212, MAN 132, PHN 242 or permission of instructor.

CHN 322 Physical Chemistry II: Investigative

Wave mechanics, chemical bonding, atomic and molecular spectroscopy, statistical thermodynamics and some molecular symmetry. Prerequisite: CHN 321.

CHN 323 Physical Chemistry I: Interpretive

Non-laboratory version of CHN 321.

CHN 324 Physical Chemistry II: Interpretive

Non-laboratory version of CHN 322.

CHN 326 Instrumental Analysis

Practical application of modern experimental techniques and modern chemical instrumentation. Required of all chemistry majors, normally in the Junior year. Prerequisites: CHN 212 and PHN 242.

CHN 410 Chemistry Seminar

Series of papers and discussions on topics in chemistry and related subjects. Meetings with students and faculty, visitor participation. Junior and Senior chemistry majors present at least one paper a year. One course credit on satisfactory completion of the two years of participation. Continuation in seminar contingent upon satisfactory progress in upper division courses.

CHN 415 Biochemistry I: Investigative

The study of structures, functions, the dynamics of proteins, the role of genetic biomolecules, and some of the metabolic cycles in the body as related to the chemistry of these molecules. Prerequisites: CHN 112, CHN 222, and class standing of Junior or Senior, or by permission of instructor.

CHN 416 Biochemistry I: Interpretive

Non-laboratory version of CHN 415.

CHN 417 Biochemistry II: Investigative

A continuation of CHN 415. Biosynthesis of macromolecular precursors, in-depth study of genetic functions, and interactions between the conformation of the macromolecules and their roles in metabolism and physiological processes. Prerequisite: CHN 415.

CHN 418 Biochemistry II: Interpretive

Non-laboratory version of CHN 417.

CHN 422 Advanced Organic Chemistry

Elucidation of reaction mechanism, stereochemistry, and molecular orbital theory. Prerequisites: CHN 222 and 322.

CHN 424 Advanced Inorganic Chemistry

Structures, reactions, thermodynamic and physical properties of the elements and compounds.

Development of group molecular orbital theory.

Survey of molecular and solid state structures, transition metal complexes, main group compounds, organometallics, electronic spectroscopy, catalysis. Weekly lab. Problem sets, exams, oral presentations, laboratory reports and final exam.

Prerequisites: CHN 321 and 326.

CHN 429 Senior Research in Chemistry

Independent laboratory research in one of the major areas of chemistry. Elective for B.A. or B.S. in Senior year, required for non-thesis B.S.

(Certified) chemistry majors. Prerequisite: CHN 326 and permission of instructor.

CHN 499 Independent Research Thesis

Chemistry students with superior ability may be invited to do independent research with a member of the chemistry staff during their Senior year, and write and defend a research thesis before a thesis committee.

CLASSICS

The minor in Classical Humanities gives students a solid foundation in the history, literature, and art of Greece and Rome, civilizations of central importance to the study of the Western humanities. The minor requires a total of six courses, which can be drawn from the fields of classics, ancient history, and Greek and Roman art. Two of the six required courses may be chosen from the field of ancient philosophy. With prior permission from the Discipline Coordinator in Classics, students may receive credit toward the minor for a related course in Literature or another discipline. In addition, overseas study in Greece and Rome and certain winter term courses will qualify for the minor.

CLL/LAL 101/102 Elementary Latin

Gives students the ability to read moderately difficult prose by building a strong foundation in Latin grammar and syntax. Helpful in strengthening knowledge of English grammar and vocabulary. CLL/LAL 101 is prerequisite for 102.

CLL 200A Classical Mythology

Familiarizes students with the most important Greek and Roman myths and the backgrounds from which they arose. Discusses the important theories,

themes, and meanings of myth, as well as the pervasive influence of myth in our everyday lives.

CLL/WGL 202 Women in Ancient Greece

Examines the roles and lives of women in ancient Greece as presented in primary texts about them, poetry by them, and artistic representations of them.

CLL/HIL 242 Ancient Greek History

Provides an overview of the history of Greece from Mycenaean times up until the age of Alexander through the ancient writers themselves: Herodotus, Thucydides, Xenophon, and Plutarch.

CLL/HIL 243 Ancient Roman History

Provides an overview of the history of Rome from its legendary beginnings in the eighth century BC to the age of Nero in the first century AD through the ancient authors themselves: Livy, Tacitus, Suetonius, Plutarch, and Polybius.

CLL 260A Greek & Roman Drama

Introduces students to many of the great tragedies and comedies of ancient Greece and Rome. Puts the plays in their historical and cultural context and discusses the conditions under which they were performed.

CLL 261A Greek Tragedy and Its Influence

Offers an in-depth study of a few Greek tragedies and of works inspired by those tragedies in a variety of genres including drama, science fiction, psychological and philosophical studies, and film. Discusses changing concepts of tragedy and the tragic hero.

CLL 270 Classical Literature in Translation

Introduces students to some of the greatest works of Greek and Roman civilization. Puts these works in the historical, spiritual, and artistic context from which they arose.

CLL 271A Greek Literature and Civilization

Introduces students to many of the most influential literary texts of Greek civilization, including selections from epic, lyric, and dramatic poetry, history, and philosophy. Puts these texts in their cultural, political, and artistic contexts.

COMPARATIVE LITERATURE

Comparative literature is an interdisciplinary approach to literature. Students declare three areas: five courses in a literature (commonly English and/or American), three courses in a foreign language (such as French, German or Spanish), of which at least two are literature courses, and two courses in a second foreign language (at any level), or in another discipline (such as history, religion, philosophy, etc.), or in an approved specialty (world literature in translation, myth, the Don Juan tradition, etc.). Students should have one course using comparative methodology. Linguistics and literary criticism are recommended.

Students develop competencies in comparative techniques, literary analogues and influences, research methods, and interdisciplinary work. Coursework is shaped to individual student programs, typically moving from introductory levels to advanced work, often culminating in a thesis.

COMMUNICATION

Courses designed to develop skills in oral communication and increase understanding of the role of the communications media in society.

COF 121 Fundamentals of Oral Communication

This course surveys fundamental oral communication concepts with an emphasis on developing effective public speaking skills. Methods of evaluation include examinations and individual speech critiques.

COF 221 Media and Society

An exploration and critical analysis of the relationships between contemporary media forms and society. Representative topics include the cultural role of advertising, the media's influence on human behavior and thought, and the social implications of new media technologies. Methods of evaluation include examinations, research projects, and group discussions.

COMPOSITION

Composition courses emphasize the ways different writing processes lead to successful learning and communication. All address the conventions of expository writing, standard English usage, documentation, and preparation of portfolios for competency evaluation. Students in composition

courses are urged to complete their assignments using the word processing facilities in the college's computer laboratories. The Writing Center, a service of the Writing Excellence Program, supplements composition courses and provides assistance to students regarding any writing task.

Credit for FDF 121, 122, and 123 is limited: students whose native language is English may take only two for credit; students with other native languages may take three for credit. Students may take advanced composition courses for additional credit.

FDF 121 Writing Processes

Introduction to writing processes: pre-writing, drafting, revising, editing. Development of a personal voice to express ideas and values. Journal, academic essays, proper use of resources, including documentation.

FDF 122 Analytic and Persuasive Writing

Critical reading and analysis of texts, with attention to audience, organization, evidence, persuasion. Collegiate research report: research questions, writing from sources, presenting evidence logically. Theme sections announced at preregistration.

FDF 123 Resourceful Writing

Individual assignments to sharpen thinking, editing, research skills. Audience awareness, broadening student's repertoire, enriching language use. Usually requires major research paper. Theme sections announced at preregistration..

FDF 222A Narratives of Knowledge

Explore the relationship between quest and narrative through a study of selected Western texts, raising questions about the construction of meaning and community in our lives.

FDF 321 Composition Theory and Learning

The role of writing in learning, theories of composition, analysis of writing processes, designing units of instruction. Group inquiry techniques and collaborative writing assignments. Practicum in tutoring. Prerequisite: Junior standing, completion of writing competency requirement, or instructor's permission.

FDF 322 Researching and Writing in the Humanities

Write a major paper in a humanities discipline, with ongoing evaluation of researching and writing techniques. Participate in writing groups, keep a research notebook. Prerequisite: Sophomore standing.

FDF 323 Organizational Communication

Effective written, oral, visual, and computer-mediated communication in the context of modern business practice. Prerequisite: Junior standing or instructor's permission.

FDF 324 Thinking, Researching, Writing Science

Interdisciplinary team-taught course designed to help students in the sciences develop writing skills, epistemological perspective, and ethical sense to communicate scientific knowledge to science and lay audiences. Prerequisite: passed portfolio requirement, or permission of instructor. Corequisite: enrollment in science course with a lab.

FDF 325 Writing Environmental Policy

Writing environmental proposals, policy, and impact statements, and critical analysis of and presentations of solutions to environmental problems. Strategies for legal research. Case study ethics component. Prerequisite: must have passed writing competency, or have taken another writing course, or have permission of instructor.

FDF 326 Environmental Rhetoric

focuses on reading examples of various discourses we use to represent nature and the environment. Scientific, political, aesthetic, spiritual, ethical discourse, and media images, have all contributed to contradictory understanding of the natural world. Examine the way different reading assignments construct varied and contradictory values and beliefs about the environment.

COMPUTER SCIENCE

Students majoring in computer science acquire a knowledge of basic and advanced algorithm design and programming, as well as the underlying principles, design, and implementation of the major components of computing systems. Achievement of the required competencies is demonstrated by successful completion of a Senior comprehensive examination or thesis and by the successful completion of the four required computer science courses (CSN 143, CSN 221, CSN 222, and CSN 301) and a minimum of four computer science elective courses numbered CSN 320 or greater.

The course requirements for the computer science major are composed of two parts: the program core, and the program specialization. The core is a structured sequence of four computer science courses (Introduction to Computer Science, Data Structures, Computer Systems, Theory of Com-

puting) and four mathematics courses (Calculus I, Discrete Mathematics, Statistics, Linear Algebra).

The specialization, composed of a minimum of four computer science electives numbered 320 or greater pursued during the Junior and Senior years, is less structured, allowing the student to emphasize his or her special interests. The Computer Science Seminar is required in the Junior and Senior years. This is a total of 12 courses (not including the seminar) for the Bachelor of Arts.

Four additional courses from advanced computer science (320 level or above), mathematics or physics, are required for the Bachelor of Science.

For computer science students interested in a mathematics minor or a double major (computer science and mathematics), Combinatorial Mathematics may be substituted for Discrete Mathematics, and Probability and Statistics I for Statistics.

A minor in computer science requires completion of CSN 143M, 221, and three computer science courses numbered 300 or above.

CSN 110 Wide World of Computing

Introduction to computers, computer science, information processing technology. Word processor, spreadsheet, programming. For majors with no previous experience, and non-majors wanting an introduction that is not programming intensive.

CSN 143M Introduction to Computer Science

History of computing: overview of the elements of a computer system; problem solving and algorithm development; Pascal programming for numeric and non-numeric problems. Prerequisites: mathematics placement at the calculus ready level and CSN 110 or equivalent. For students in all majors who want to acquire programming and computer skills.

CSN 221 Data Structures

Continuation of program design and algorithm analysis. Identification and evaluation of classes of problems solvable through well-defined data structures and algorithms including stacks, recursion, lists, linked lists, trees, searching and sorting. Prerequisite: CSN 143M.

CSN 270 Videographics: Technique & Technology

Operation and technology of video image recording equipment, video editing systems, computer animation software, and applications to video production, the Internet, and multimedia systems is

studied. Other topics: physics of light, sound, and image collection; the interrelationships of video, computing, and communication technologies. Prerequisite: CSN 110, CSN 143M, or ARA 343.

CSN 301 Theory of Computing

Abstract basis of computing machines and languages; introduction to finite automata, formal languages, Turing machines, and complexity theory. Prerequisites: CSN 221 and MAN 143.

CSN 310 Computer Architecture

Architectural and hardware elements of computing machines; central processing unit including micro-machine, registers, data paths, arithmetic logic unit, control unit, microprogramming; memory including implementation; virtual memory, content addressable memory, cache; input/output including disks, tapes, serial communications and networks. Prerequisite: CSN 222.

CSN 320 Programming Languages

Nature and implementation of programming languages including qualities and characteristics of languages, methods of implementation, execution models and environments; survey of programming languages. Prerequisite: CSN 221.

CSN 321 Software Engineering

Properties of software systems; software system design and development principles; specifications; models; software tools, monitoring methods; group programming project for a large software system. Prerequisite: CSN 221.

CSN/MNB 326 Environmental Computer Modeling

For description see Management.

CSN 330 Analysis of Algorithms

Theoretical and mathematical basis of algorithm design and analysis. Prerequisites: CSN 301, CSN 221 and MAN 143 or consent of instructor.

CSN/MAN 341 Numerical Analysis

For description see Mathematics.

CSN 360 Database System

Conceptual modeling of data systems; organization of database systems; storage and retrieval of data in the database, database design and administration. Prerequisite: CSN 221 or MNB 272 or permission of instructor.

CSN 410 Computer Science Seminar

For Junior and Senior computer science majors. One course credit on satisfactory completion of two years of participation. Continuation in seminar contingent on satisfactory progress in upper division courses.

CSN 411 Operating Systems

Organization, operation, and implementation including processor management, memory management, virtual systems, interprocess communication, scheduling algorithms, protection and security, deadlocks; case studies of operating systems. Prerequisite: CSN 221 and CSN 310.

CSN 420 Translators and Compilers

Theory and implementation of high-level language virtual machines including assemblers, macro expansion, compilers and interpreters; syntactic and semantic models. Prerequisite: CSN 301.

CSN 450 Computer Graphics

Theory and programming involved in rendering graphic images. Prerequisites: CSN 221 and MAN 131 or instructor's permission.

CSN 460 Artificial Intelligence

Knowledge representation; predicate calculus; rule-based deductions; searching methods; applications of understanding; programming languages and databases for artificial intelligence. Prerequisite: CSN 221.

CSN 455 Digital Image Processing

Introduces various techniques for the enhancement and analysis of digital imagery. Topics include the interpretation of image statistics, image enhancement based on histogram transformations, spatial filtering, and image transforms. Prerequisite: CSN 221.

CSN 460 Artificial Intelligence

Knowledge representation, constraint satisfaction, metaphors of control. Logic and theorem proving, problem solving and heuristic search. Introduction to the AI languages, LISP and PROLOG. Deep exploration of natural language understanding, inductive learning, and rule-based (expert) systems. Neural networks and hybrid systems, fuzzy logic and genetic algorithms. Prerequisite: CSN 221.

CSN 462 Neural Networks

Philosophical, biological and architectural underpinnings of this alternative, parallel, distributed model of computing inspired by the human brain. Prerequisite: CSN 221 or consent of instructor.

CSN 449 Computer Science Independent Research - Thesis

Seniors majoring in computer science may, upon invitation of the computer science faculty, do research and write a thesis under the direction of a member of the faculty. The submission of the resulting written thesis and an oral defense will, upon approval of the computer science faculty, satisfy the comprehensive examination requirement for graduation. Prerequisites: excellence in computer science courses through the Junior year and invitation by the faculty.

CREATIVE WRITING

The Writing Workshop helps develop serious writers--students who think of themselves primarily as writers and students for whom writing will be an important avocation. Workshop students learn the crafts of journalism, fiction, non-fiction, poetry, the play and the screenplay, and develop individual voices. They also learn to articulate and defend reasoned critical opinions.

Course work must include six courses in literature and four workshops--fiction, poetry and one of the following: playwriting, screenwriting, journal writing, the personal essay, journalism, publishing and the writing career. In consultation with the mentor, in special cases (involving a writing interest best served by study outside the literature track) students may substitute for one literature course, two courses from another discipline. Seniors are required to complete a thesis. The thesis committee will include two full-time creative writing faculty and a third member from any other discipline. Concentrations in creative writing for theater and writing for advertizing and public relations are also available.

In the first year, students take Introduction to Creative Writing and 100 or 200 level literature courses. In subsequent years, students build upon this foundation by 1) taking intermediate and advanced courses in fiction and poetry and courses in playwriting, screenwriting, journals, etc., and 2) developing a cluster of literature courses defined by a particular interest (e.g., modern and contemporary British and American poetry and fiction) and/or supported by courses from other disciplines (e.g., American studies or history of modern Britain).

Writing Workshop students are required to take fiction and poetry workshops from the residential Writing Workshop faculty, Profs. Watson and Ward, or their designated replacements.

To minor in creative writing, students must take three Writing Workshop courses (in at least two genres), and two literature courses. One workshop and one literature course must be 300 level or above. The workshops must be Eckerd College courses.

Students wishing to double major in creative writing and literature must take ten literature courses and fulfill all other requirements for both majors. Literature courses taken for a major in literature may be counted for a minor in creative writing.

WWA 100 Writing Workshop: Introduction to Creative Writing

An introduction to three genres of writing: poetry, fiction and drama. Learn the basic elements and techniques of these genres by reading established writers and writing in a workshop setting.

WWA 200 Writing Workshop: Poetry

An introduction to prosody and the craft of poetry by means of traditional forms. Extensive work in meter and scansion. Write in various forms, e. g., the sonnet, villanelle, ballad, sestina, rondeau, accentual-alliterative verse, blank verse and others. Instructor's permission required.

WWA 201 Writing Workshop: The Short Story

An introduction to fiction writing with emphasis upon realistic short story technique. Acquaints the student with basic principles of craft or the learned aspect of fiction writing. Students' stories read aloud and discussed in class. Emphasis on rewriting, the development of works through the several phases of composition. Instructor's permission required

WWA 220 Journalism

Study and practice the basic news story, with emphasis on the print news story; exploration some of the other forms of news writing as well and of the electronic media. Students will identify and discuss the social, legal, and ethical issues facing the press. Students, where possible, should have previous experience in high school

WWA 300 Writing Workshop: Tutorial

Daily meetings with instructor to discuss progress in all genres. Periodic group discussions. Prerequisite: one writing workshop and permission of instructor.

WWA 301 Writing Workshop: The Personal Essay

Workshop course in writing the literary essay. Read and discuss published non-fiction prose by writers such as Harry Crews, Alice Walker, Eudora Welty, Joan Didion, and Michael Herr (author of *Dispatches* and the screenplay for *Apocalypse Now*). Study the rhetoric of the essay, and bring imagination to bear on handling the essay format, prose techniques, and style. Fulfills requirement for the third workshop. Instructor's permission required.

WWA 302 Rhetoric of Film

View, analyze and evaluate great cinema. Write and speak about film as an artistic form, its history, typology, technology and symbology.

WWA 303 Writing Workshop: Intermediate Fiction

Continued emphasis on the craft of revision, development of individual voice, critical and analytical writing and speaking. Prerequisites: WWA 201 and instructor's permission.

WWA 305 Journals, Diaries, and Letters: The Intimate Connection

Read a variety of journals, diaries and letters as related to the creative process. Practice various journaling techniques, write our own journals. Instructor's permission required.

WWA 306 Writing Workshop: Intermediate Poetry

Some major figures in contemporary poetry such as Ammons, Berryman, Dickey, Hall, Hugo, Jarrell, Kinnell, Kumin, Merwin, Plath, Roethke, Sexton. Students write poems to be discussed in workshop setting. Work toward an understanding of self as a writer and of the attention a writer must give the world and words to create mature works that communicate with an audience. Prerequisites: WWA 200 and instructor's permission.

WWA 333/433 Writing Workshop: Advanced Fiction

Read and discuss published fiction and commentary in John Gardner's *On Becoming a Novelist*, while interspersing discussion of original student works. Students may submit short stories, novellas, or works-in-progress. Prerequisites: WWA 201 and WWA 303 or Instructor's permission required.

WWA 334 Writing Workshop: One-Act Play

Writing one-act plays, reading short plays, including traditional and experimental forms. Each student writes at least two plays, to be read and discussed in

class. Emphasis on rewriting, the development of works through several phases of composition.

WWA 335/435 Writing Workshop: Advanced Poetry

Read and discuss books of poetry by contemporary poets, as well as original student poems, in the workshop setting. Focus on the writing process. Suggestions for submitting poetry to journals. Prerequisite: WWA 306 and permission of instructor.

WWA 348 Writing Workshop: Feature Writing

The study and practice of writing newspaper and magazine articles for publication. Read and analyze major award-winning feature articles. Write six major stories, analyze and profile one major daily newspaper and one nationally circulating magazine. Write query letters for newspaper and magazine markets. Instructor's permission required.

WWA 361 Writing Workshop: Travel Writing

Practical experience in a genre that is popular, useful, and relatively easy to break into. Read examples of quality travel writing and become familiar with the articles in daily newspapers and travel magazines, gradually "branching out" to places like Gulfport and Tarpon Springs, eventually reaching further places (home towns, distant shores, exotic locales). Explore the travel industry, travel writing and write one analytical article. Learn skills in reading, writing, marketing, research, and observation. Preference given to juniors and seniors. Instructor's permission required.

WWA 401 Publishing and the Writing Career

Analyze the editorial biases of journals and write poems, stories, essays, reviews, and interviews in response to those biases. Learn where to find information about publishing, and how to use that information. Prerequisite: permission of instructor. Students should have other work to submit besides that done during the current semester.

WWA 436 Writing Workshop: Screenwriting

Students write one full-length feature film script (approximately 90-120 pages). Scripts discussed in class and in small groups outside of class. View movies and parts of movies in class as examples of the craft of screen-writing. Some viewing outside of class required. Concentrate on serious screenwriting, attempt to tell complex and intellectually challenging stories by means of a visual rhetoric. (An alternative title for this course is: *Not Lethal Weapon VI*.) Prerequisites: WWA 303 or WWA 334 and instructor's permission.

DIRECTED STUDY COURSES

For descriptions, see the appropriate discipline.
Copies of directed study syllabi are available in the Registrar's office.

AML 307S Rebels with a Cause
AML 308S Becoming Visible: Sex, Gender, and American Culture
ANC 350 Introduction to Museum Work
ARI 351A A History of English Architecture
BIN 250 Explorations in Human Nutrition (available in summer term and PEL only)
BIN 350 Human Physiology
ECI 450 History of Economic Thought (available in England only)
GEC 250 Geography
GEC 350 World Regional Geography
GRC 206A Heroes: Ethics on Stage
GRC 304 The Novels of Hermann Hesse
HDA 326 Counseling for Wellness
HIL 321 Women in America
HIL 334 African-American History I
HIL 347 Recent American History: The Historians' View of our Times
INI 350 The Maritime Heritage of England
LIA 250 Children's Literature
LIL 250 Shakespeare
LIA 350 Modern American Novel
LIA 351 Twentieth Century American Women Artists and Writers
MNB/SLB 251 Work and Occupations
MNB/SLB 345 Complex Organizations
MNB/SLB 405 Human Ecology
MUA 350 Twentieth Century Music
PLL 103G Introduction to Eastern Philosophy
For description see Philosophy.
POL 350 Florida Politics
POL 450 The Supreme Court in American Politics
PSB 303 Industrial Organizational Psychology

PSI 350 Youth Experience in a Changing Great Britain

QFM 410 Quest for Meaning (by academic petition only for Seniors)

REL 210S Introduction to Christian Ethics

SLB/MNB 251 Work and Occupations

SLB/MNB 345 Complex Organizations

SLB/MNB 405 Human Ecology

SPC 401 Modern Spanish Novel

SPC 402 Spanish American Novel

THA 301G Living and Performing in Avignon

EAST ASIAN AREA STUDIES

A concentration in East Asian Area Studies may be planned through a supervising committee of three faculty members.

EAL 201G East Asian Traditions

A survey of the history and culture of East Asian societies up to about 1700 CE; the evolution of political and social structures; readings in major works and traditions of philosophy, religion, and literature.

EAL 300G Science, Technology & Society in China

The genius of traditional Chinese science and technology; the question of why Western science overtook it; China's response to Western science, and its impact on Chinese society and politics today.

ECONOMICS

The competencies achieved in the economics major are the ability to:

- understand and explain general economic phenomena.
- analyze and evaluate economic policy proposals.
- analyze, synthesize and integrate economic ideas.
- communicate effectively, in both oral and written form.

- do quantitative research, using a statistical computer package.
- engage in library research.
- conceive, plan and execute an independent quantitative research project.

In addition to the requirement of statistics, students majoring in economics are required to take a minimum of eight economics courses and Calculus I. All students will take Principles of Microeconomics, Principles of Macroeconomics, Intermediate Microeconomics, Intermediate Macroeconomics and History of Economic Thought. In addition, students choose three economics electives from a list of approved courses at the 300 level or above. Students must maintain a C average in upper level courses to successfully complete the major.

Students can start their economics major in their Freshman year. This is the appropriate time to take calculus. In addition, students can start the economics major proper with Principles of Microeconomics or Principles of Macroeconomics. The next appropriate courses are Intermediate Microeconomics and Intermediate Macroeconomics. Beyond this students can branch out to choose electives. Economics electives are available with a simple prerequisite of either of the Principles courses. In their Senior year students take History of Economic Thought.

Requirements for a minor in economics include Principles of Micro and Macroeconomics, and three upper level economics electives, including one upper level macro course (ECB 382 or 386) or one upper level micro course (ECB 381 or 384).

ECB/MNB 260M Statistical Methods for Management and Economics

Introduction to quantitative data analysis in economics and management. Lectures and discussions of selected problems. Data analysis projects. Prerequisite: one of either ECB 281S, 282S, ESN 172, HDA 101, POB 102, 103, PSB 101S, or SLB 101S.

ECB 281S Principles of Microeconomics

Price theory, operation of market system. Industrial structure and pricing under different competitive structures. Required of all students majoring in economics.

ECB 282S Principles of Macroeconomics

Main sectors of the economy (consumers, business and government) focusing on policy. Monetary and fiscal policy, inflation, recession, balance of payments. Required for all students majoring in economics.

ECB 301 Leadership: the Human Side of Economics

Experiential exercises, readings, and class discussion designed to investigate and challenge the behavioral assumptions of the contemporary economics paradigm. Several leadership theories will be explored to facilitate a broader understanding of human organizational behavior.

ECB 370 Industrial Organization

Examine various models of firm behavior in various industrial organization structures (competition, monopoly, oligopoly, conglomerate), both foreign and domestic. Prerequisite: ECB 281S.

ECB 371 Economics of Labor Markets

The role of labor in the economic system. Division of labor, job segregation, wage theory, relationship among work, family, household production. Prerequisite: ECB 281S.

ECB 372 Trade and the Environment

Introduction to neoclassical trade theory and its ability to account for the environmental impact of trade between nations. Tools from international trade theory and ecological economics used to examine impact of international trade on environment. Field trips: Prerequisite: ECB 281S or ECB 282S.

ECB 380 Public Choice

Theory of public decision making. Living in community, origins and appropriate roles of the state, justice in the behavior of the state. Models of voting behavior through simulation. Prerequisite: ECB 281S or permission of instructor.

ECB 381 Intermediate Microeconomic Theory

Continuation of ECB 281S. Consumer demand theory pricing and output decisions of industries and firms using algebraic mathematical and geometric models; price and output adjustments. Prerequisite: ECB 281S. Required for all students majoring in economics.

ECB 382 Intermediate Macroeconomics

Continuation of ECB 282S. Determinants of aggregate demand and supply, using dynamic and static models of analysis. How to use an understanding of economic analysis to achieve policy objectives and understand trade-offs. Prerequisites: ECB 282S and ECB 260M.

ECB 383 Marine Resource Policy

Applied course exploring global issues surrounding regulation of marine resource use. The role of economic theory in development of marine resource policy. Prerequisites: ECB 281S or ECB 282S, and ECB 260M.

ECB/MNB 384 Managerial Economics

Applied economic theory, mathematics and statistics in business decision making. Optimization techniques under conditions of uncertainty. Selecting the "best" solutions to business problems. Prerequisites: ECB 281S and ECB 260M.

ECB 385 Comparative Economic Systems

Non-capitalistic and capitalistic economies compared to show how different institutional arrangements lead to different ways of making economic decisions. Former Soviet Union, Eastern European nations, People's Republic of China included. Prerequisite: ECB 281S or 282S.

ECB/MNB 386 Money, Banking and Financial Institutions

History and development of monetary system and financial structure. Money creation and influence on macroeconomic activity. Monetary policy implications of regulatory agencies. Prerequisite: ECB 282S.

ECB 387 Urban Economics

Urban growth and decay, location decisions, land use. Transportation, crime, housing, discrimination and segregation, and the urban financial crisis. Prerequisite: ECB 281S.

ECB 388 Economic Development

Factors which contribute to or retard economic development, investigating the cultural and political as well as economic aspects of development. Prerequisites: ECB 281S or 282S.

ECB 389 Natural Resource and Environmental Economics

Role of economic theory in analyzing and evaluating natural resource and environmental policy issues. Developing models of optimal use of resources: land, water, energy, their development, allocation, pricing. Prerequisite: ECB 281S.

ECB 410 History of Economic Thought

Senior seminar for economic majors. Economic ideas as developed and expounded by Western economists. The teachings of the mercantilists, physiocrats, Adam Smith, Malthus, Ricardo, Mill, Marx, Marshall, German and American schools of thought.

ECB 480 International Economics: Foreign Exchange

Theory, operation, government policies, balance of international payments, exchange-rate adjustments, interrelationship between macroeconomy and international economy. Prerequisite: ECB 282S.

ECB 481 International Economics: Trade

Theory, government policies, free trade, protectionism, U.S. commercial policy, GATT talks, US-Japan-EEC trade issues, developing countries, solutions for international trade problems. Prerequisite: ECB 281S.

ECB 488 International Economics

International trade, finance theory and policy. Balance of international payments, exchange rate adjustments, nature of gains from trade, U.S. commercial policy. Prerequisites: ECB 281S and 282S and permission of instructor.

ENGINEERING AND APPLIED SCIENCE DUAL DEGREE PROGRAM

The advisors for the program are Harry Ellis, Professor of Physics, and Edmund Gallizzi, Professor of Computer Science. Students who wish to pursue a dual-degree program should consult with one of the advisors as early as possible in their academic program.

For description see page 11.

ENVIRONMENTAL PERSPECTIVE COURSES

Environmental perspective courses provide opportunities for students to address issues in the environmental realm in such a manner as to enhance their knowledge of the natural world, and to make informed value judgements concerning the environmental consequences of personal and social actions.

AML/ESL 314E The Environment in American Thought

For description see American Studies .

ANC/IBC 262E Environment, Population, and Culture

ANC 335E Cultural Ecology

For descriptions see Anthropology.

BIN 201E Ecosystems of Florida

For description see Biology.

CRA 300E The City: An Environmental Art Form

Examine cities in art, literature, and music, and build cities through computer simulations. Thoroughfares, relation between work and family, public institutions for neighborhoods, space required to support them.

HDA 208E Your Health and the Environment

For description see Human Development.

HIL 353E Environmental History

For description see History.

IBC/ANC 262E Environment, Population and Culture

For description see Anthropology.

INI 291E Science and Natural History in London: Writings about the Earth Household

For description see International Education/ London Offerings.

LIA 328E Literature and Ecology: Writings About the Earth Household

For description see Literature.

MNB/SLB 351E Technology, Society and Environment

For description see Sociology.

PLL 243E Environmental Ethics

PLL 310E Ideas of Nature

For description see Philosophy.

REL 250E Ecology and Chaos

REL 381E Ecotheology

For description see Religious Studies.

See also Sea Semester.

SLB/MNB 351E Technology, Society and Environment

For description see Sociology.

ENVIRONMENTAL STUDIES

The environmental studies major will provide students with an educational specialty grounded in the subjects and issues related to the natural environment, and the relationship of the human being to the natural environment. The major offers the breadth and depth of interdisciplinary inquiry, integrating knowledge across the natural sciences, behavioral sciences, and humanities. The major develops analytical tools and skills for understanding the environment, while emphasizing the role of beliefs, values, ethics and aesthetics in shaping human behavior.

Students will be exposed to coursework which develops skills in the following areas: laboratory research and environmental science; policy analysis, social, historical and global awareness; philosophical and ethical inquiry; writing and composition; oral presentation; educational techniques and strategies; legal research; and group enterprise. This will prepare students for careers in such diverse fields as environmental and urban planning, natural resource management, scientific journalism, environmental law and policy making, parks and recreation, landscape and architecture, public health, education, the arts, and many more.

A minor in environmental studies requires six courses: Introduction to Environmental Studies, two courses each from two of the core areas (science, social science, humanities) and one course from the third core area.

Students will graduate with a B.A. degree, and will complete a series of core courses, and then must choose from among two specialized tracks to major in. Each track reflects a different orientation that matches the students' abilities and interests with their coursework.

Environmental Studies

Environmental Studies: Environmental Policy

The policy track emphasizes courses in economics, political science, other social sciences, and writing, orienting students toward policy analysis, planning, administration, education, communication, and related fields.

Environmental Studies: Environmental Humanities

The humanities track emphasizes courses in philosophy, religion, history and literature, with an orientation toward values, and the integration of differing modes of reason and discourse.

Core requirements (completed by all students in the major)

ESN 172 Introduction to Environmental Studies

Two introductory science courses: either

- ESN 270 Introduction to Environmental Biology
- WTN Introduction to Chemistry (offered during winter term)
- ESN 211 Introduction to Earth Science

One upper-level science course: either

- ESN 311 Advanced Environmental Geology (Prerequisite: Introduction to Earth Science)
- ESN 370 Biodiversity, Conservation, and Decision making (Prerequisite: Introduction to Environmental Biology, Biodiversity, Botany, Invertebrate or Vertebrate Biology.)
- MSN 309 Principles of Hydrology (Prerequisite: Fundamental Physics I or permission of instructor)
- MSN/BIN315 Elasmobranch Biology and Management. (Prerequisites: Vertebrate Biology or Biodiversity II; and junior standing.)
- ESN 371 Conservation Biology. (Prerequisite: Intro to Environmental Biology, Biodiversity, Botany, Invertebrate or Vertebrate Biology.)

or

- ESN 312 Wetlands (Prerequisite: Intro to Earth Science)

ESN 313 Water Resources (Prerequisite: Intro to Earth Science) or

- ESN 372 Estuaries (Prerequisite: Intro to Environmental Studies and Intro to Environmental Biology)

Two social science courses: choose

- CRA 300E The City: An Environmental Art Form
- POB 325 Environmental Policy and Politics
- MNB 385 Total Quality Environmental Management
- POB 313 International Environmental Law
- HDA 329 The Person-Environment Equation

Two humanities courses: choose

- HIL 353E Environmental History
- LIA 328E Literature and Ecology
- PLL 240 Philosophy of Technology
- PLL 243E Environmental Ethics
- PLL 310E Ideas of Nature
- PLL 331 Environmental Aesthetics
- REL 350E Ecology, Chaos and the Sacred
- REL 381E Ecotheology
- FDF 326 Environmental Rhetoric
- Environmental Studies Internship (recommended, but not required)
- Research Seminar and Senior Comprehensive in Environmental Studies.

Environmental Studies: Environmental Policy Track

Statistical Methods

One of either:

- FDF 324 Thinking, Researching and Writing Science
- FDF 322 Writing Environmental Policy

One of either:

- another introductory or upper level science course in the core
- CSN 110 Wide World of Computing
- CSN 143M Introduction to Computer Science

Two of either:

- another social science course in the core
- ECB 383 Marine Resource Policy (Prerequisite: Microeconomics and Statistics)

- Environmental Computer Modeling (Prerequisite: Statistics)
- ECB 372 Trade and the Environment (Prerequisite: Microeconomics or Macroeconomics).
- For students interested in environmental law:
- POL 301 The Constitution and Government Power
- POL 302 The Constitution and Individual Rights
- POB 343 International Environmental Law

For students interested in the political process:

- POL 305 Political Parties and Interest Groups

For students interested in urban planning:

- ECB 387 Urban Economics (Prerequisite: Microeconomics)

For students interested in less developed countries:

- ECB 388 Economic Development (Prerequisites: Microeconomics or Macroeconomics)

For students interested in international environment organizations:

- POB 314 International Organizations (Prerequisites: Introduction to International Relations and one other political science course).

Environmental Studies: Environmental Humanities Track

At least one additional core course in the social or natural sciences. At least one of the natural science core courses must be in the biological sciences.

Two additional core courses in the humanities. The four core courses selected should represent three disciplines.

Two or more additional courses in the humanities drawn primarily from the following list. At least four of the total of six humanities courses must be upper division courses. Students are strongly urged to take one of the writing (FDF) courses in the track list.

AML 307S Rebels with a Cause

FDF 322 Writing Environmental Policy

FDF 323 Research and Writing in the Humanities

FDF 324 Thinking, Researching, and Writing Science

HIL 324S Native American History

LIA 242A Introduction to Native American Literature

LIL 324 The Romantic Age in British Literature

LTL 303 The Scientific Revolution and Human Values

PLL 241S Ethics: Tradition and Critique

HIL/PLL/AML 346G Native American Thought

Depending on the student's area of interest, other courses in the humanities not included on the above list may be approved by the Mentor and coordinators of the major prior to enrolling in the course.

Reading requirement: all students will take a directed study, Readings in Environmental Studies and the Humanities, during the winter term of their Senior year, and demonstrate completion of a reading list of major works in the field by taking an examination given by environmental humanities faculty.

Students planning to attend graduate school are strongly urged to develop additional depth and coverage in philosophy, history, religious studies, or literature.

ESN/ESB/ESL 172 Introduction to Environmental Studies

Such topics as conserving biological diversity, sustaining energy, shaping cities, strengthening global environmental governance. Human roles and responsibilities, the scientific, political, economic, and ethical issues involved in the attainment of a sustainable future.

ESN 211 Introduction to Earth Sciences

Introduction to major topics in geology, oceanography, meteorology, and astronomy, the natural forces that shape our physical environment, in order to appreciate and preserve the planet.

ESN 270 Introduction to Environmental Biology

Study of ways in which humans affect and are affected by the environment, which focus on biology. General ecology, population, genetics, identification and use of natural resources, pollution, social institutions, ethics.

ESN 311 Advanced Environmental Geology

Environmental management, water supply and quality, waste disposal, energy production and use,

Environmental Studies

flooding and coastal erosion. Managed solutions and difficulties with them. Field/laboratory oriented. Prerequisite: ESN 211E or MSN 208.

ESN 312 Wetlands

Explore wetland classification, delineation, hydrology, and biogeochemistry. After mastering these concepts you will map local wetlands using a geographic information system (GIS). . Prerequisites: Intro. To Earth Science or permission of the instructor.

ESN 313 Water Resources

Natural mechanisms and human activities controlling the composition of natural waters. Topics include rainwater, groundwater, rivers, lakes, estuaries, oceans and ocean-atmosphere interactions. Prerequisites: ESN 211 or permission of instructor.

ESN 370 Biodiversity, Conservation, and Decision Making

Reasons for maintaining biodiversity, threats to biodiversity, conservation strategies, roles of relevant agencies and organizations, appropriate policy, from the marine perspective. Prerequisites: ESN 270 or an organismic biology course, and Junior status.

ESN 371 Conservation Biology

Examine problems such as species decline and endangerment, invasion by non-native species, habitat destruction and fragmentation, loss of biodiversity, and potential solutions, such as endangered species management, habitat restoration, ecosystem management. Prerequisite: ESN 270 Introduction to Environmental Biology, or permission of instructor.

ESN 372 Estuaries

Examination of the unique environments of estuaries with a focus on Tampa Bay; including aspects of estuarine biology, chemistry, and geology, impact of human activities, and estuarine management. Prerequisites: ESN 172 and ESN 270 or permission of instructor.

ESL/REL 382 Nature and the Sacred: Religion and Ecology

See Religious Studies.

ESN 498 Research Seminar and Senior Comprehensive in Environmental Studies

Student reports on research projects carried out in consultation with instructor and one other faculty member. Readings on various methodologies for studying the environment.

FORD APPRENTICE SCHOLARS PROGRAM

FIH 301 The History of Ideas, I

Major ideas from classical Greece through the Enlightenment that have shaped our intellectual heritage. Emphasis on origins of academic disciplines, sources of creativity, social and cultural factors, key individuals. Variety of learning methods. Prerequisite: Junior standing and selection as a Ford Scholar. Fulfills one perspective requirement.

FIH 302 The History of Ideas, II

Continuation of FIH 301 covering nineteenth and twentieth centuries and culminating in a major project that draws on students' knowledge of history to address a significant intellectual problem of the future. Prerequisite: FIH 301 and selection as a Ford Scholar. Fulfills one perspective requirement.

FSS 410 Fort Senior Scholars Colloquium

Required of Seniors in the Ford Apprentice Scholars Program. Shared reflections on issues pertaining to research, teaching, and other aspects of teaching as a career. Participation in both fall and spring semesters for a total of one course credit.

FRENCH

See Modern Languages.

GENDER AND WOMEN'S STUDIES

See Women's and Gender Studies.

GEOGRAPHY

GEC 250 Geography (Directed Study)

Concepts, theories and substantive material of modern geography. Relationship between material environment and human cultural systems.

GEC 350 World Regional Geography (Directed Study)

Relationship of human activities to natural environment on world-wide basis. Soils, land forms, climate, vegetation, minerals and the cultural systems of different areas of the world.

GERMAN

See Modern Languages.

GLOBAL PERSPECTIVE COURSES

Global perspective courses provide an encounter with cultures and/or histories whose bases (philosophical, religious, ethical, aesthetic) or world views differ significantly from those of the Western European or North American tradition. Such a course will encourage students to view their own cultural traditions and assumptions in the larger context of the world's diversity. Given the inherent educational value of having cultural experiences in other parts of the world, which naturally encourage cultural comparisons with the student's own, all off-campus programs outside the United States are eligible for global perspective designation.

ANC 201G Introduction to Anthropology

ANC 203G Cultures of the Middle East

ANC 282G East Asian Area Studies

ANC 283G Southeast Asian Area Studies

ANC 285G Latin American Area Studies

ANC 286G Cultures of Sub-Saharan Africa

ANC 287G Caribbean Area Studies

ANC 334G Fertility and Reproduction

For descriptions see Anthropology.

CUC/WHF 183G United States Area Studies

For description see Western Heritage.

EAL 201G East Asian Area Studies

EAL 300G Science, Technology & Society in China

For description see East Asian Area Studies.

FRC 325G Creole Literature and Culture

FRC 392G Francophone Africa and the Caribbean

For descriptions see Modern Languages, French.

HDA 350G Contemporary Japanese Families

For description see Human Development

HIC 232G World History to Columbus

HIC 233G Global History in the Modern World

HIC/HIL 234G Twentieth Century World History

HIC/RUC 283G Russia: Perestroika to the Present

For descriptions see History.

INI 389G British Seminar

For description see International Education, London Offerings.

MNB 230G Asian Managerial Practices

For description see Management.

MUA 356G World Music

For description see Music.

PLL 103G Introduction to Eastern Philosophy (Directed Study available)

For description see Philosophy.

POB 103G Introduction to International Relations

POB 104G Introduction to Comparative Politics

POB 211G Inter-American Relations

POB 231G Politics: East Asian Nations

See Political Science.

REL 230G Yogis, Mystics, Shamans

REL 240G Non-Western Religions

REL 319G The Hindu Tradition

See Religious Studies.

RUC 282G Russian Society through Cinema

For description see Russian Studies.

RUC/HIC 283G Russia: Perestroika to the Present

See History.

RUC 301G Introduction to Russian Literature and Culture

See Russian Studies

THA 301G Living and Performing in Avignon

See Theatre.

HISTORY

Students majoring in history are expected to be familiar with the fields of American and European history and have awareness of world history. Students who complete this major demonstrate the following competencies:

- knowledge of American and European history demonstrated by the ability to talk and write intelligently about these fields.
- ability to think historically with regard to issues such as causation, cultural diffusion, the role of the individual in history, geographic and demographic influences in history, and gender and minority issues in the past, citing examples from both the Western tradition and the wider global experience.
- awareness of the historical method and historiography generally, and knowledge of the historiography of at least one field with some thoroughness.
- ability to locate bibliographical information on historical topics, and to engage in scholarly writing such as book and film reviews, annotated bibliographies, and historical and historiographical essays.
- ability to do historical research based on primary source material.

Students take ten courses, one of which may be a winter term project, including three in American and three in European history, at least one course in world history or a non-Western history course, and HIL 400. At least six of these courses must be at or above the 300 level. Students interested in history begin with any 200 level course in American or European history, if they have not received AP credit for these fields. Junior and Senior level courses in history build on the foundation of the survey courses, and may be taken only with the appropriate prerequisites, or permission of the instructor.

A minor in history consists of six history courses, two in American, two in European, one in global or non-Western history, and HIL 400. At least four of the courses must be at the 300 level or above.

HIL 203S Europe in Transition: 1300 1815

Medieval roots of modern Europe, Renaissance, Reformation, economic and geographic expansion, scientific revolution, Enlightenment, French and Industrial Revolutions.

HIL 204 The Foundations of Contemporary Europe: 1815 to the Present

Nationalism and liberalism, industrial revolution, imperialism, World War I and its consequences, Russian Revolution, depression, rise of dictatorships. Intellectual developments of the period.

HIL 223 History of the U.S. to 1877

Colonial foundations of American society and culture, the American Revolution, development of a democratic society, slavery, Civil War, Reconstruction. Various interpretations of the American experience.

HIL 224 History of the U.S. since 1877

Transformation from an agrarian to an industrial nation. Industrial Revolution, urbanization, rise to world power, capitalism, New Deal, world wars, cold war, recent developments. Social, cultural, political and economic emphasis.

HIC 232G World History to Columbus

History of the world from the emergence of major Eurasian civilizations to 1500, with emphasis on the evolution of the "Great Traditions," cultural diffusion, interaction of cultures.

HIC 233G Global History in the Modern World

History of the world since 1500 with emphasis on the interaction of Western ideas and institutions with the rest of the world. Contributions of geography, and demography to understanding the world today.

HIC/HIL 234G Twentieth Century World

Events, issues, concerns of the world: two world wars, "cold war," struggles of colonial areas for independence and development, world interdependence, scarcities.

HIL/CLL 242 Ancient Greek History

For description see Classics.

HIC 244A Cultural History of Russia

Kievan and Muscovite periods, Europeanization initiated by Peter the Great, Golden Age of Russian culture, revolutionary culture, Soviet

attitudes toward culture. Permission of instructor required for Freshmen. Offered in alternate years.

HIC/RUC 283G Russia from Perestroika to Present

An examination of contemporary Russian society from the beginning of Gorbachev's Perestroika to the present. The fall of Communism with special attention to the processes of socialization and daily life for Russians.

HIL 321 Women in Modern America: the Hand that Cradles the Rock (Directed Study available)

Feminist theory, growth of women's movements, minority women, working women, changes in women's health, birth control, images of women in literature and film. Changes in women's position in America.

HIL 322 The U.S. as a World Power

History of foreign policy: imperialism, internationalism, isolationism, pacifism, collective security, "New Left" anti-imperialism. Controversies over Cold War.

HIL 323 From the Flapper to Rosie the Riveter: History of Women in the U.S. 1920 1945

History of American women and the family, images of women in popular culture and literature, impact of the Great Depression and World War II on the family.

HIL 324S Native American History

History of Native Americans from the time of European contact to present. Inner workings of Native American communities, Indian-White relations, changing governmental policy, Native American spirituality, economics, gender roles, decision making.

HIL 330 Reconstruction

Study of one of the most turbulent, controversial eras in American history. In the past thirty years the traditional view of this period has come under intense scrutiny. What emerges is a much more balanced account of this crucial period.

HIC/L 331-332 Special Topics in History

In addition to opportunities for independent study and research, faculty will occasionally offer special topics courses.

HIL 333 History of the Vietnam War

Establishment of Vietnamese nation in 111 B.C., its struggle for autonomy despite foreign invasion throughout its long history. The impact of the Vietnam War on American society, antiwar movement during Johnson and Nixon administrations, analysis of the war's legacy.

HIL 334 African American History I

The contributions of African-Americans from the Colonial period to the Reconstruction. Participation in American Revolution, rise of Cotton Kingdom, development of distinct culture, Civil War and Reconstruction.

HIL 335 African American History II

African-American history from Reconstruction to the present. Developments in education, racism, participation in military, socioeconomic development, Civil Rights movement and legislation.

HIL 336S Civil Rights Movement: 1945 75

Black participation in World War II, the effects of the Brown Decision and various Civil Rights legislation, the rise of Black nationalism.

HIL 337 The Civil War

Events that preceded the Civil War and contributed to disunion, such as the Southern Carolina Nullification Crisis, the Compromise of 1850, and John Brown's raid. Impact of the war on both North and South. PBS video on Civil War is used.

HIL/AML 339 The Great Depression and American Life

Explore American life during the Great Depression in its social, cultural, and environmental aspects using literature and mass media (news papers, radio, movies), as well as the accounts of everyday life from a variety of perspectives. Through on-line archival resources, explore the same sources that cultural historians use to re-construct historical consciousness.

HIC 342 The Rise of Russia

Evolution from 9th century to 1801. Byzantium, Mongol invasion, conflicts with Germans, Poles and Swedes, influence of the West.

HIC 343 Modern Russia and the Soviet Union

Imperial Russia, Russian revolution, continuity and change in Russian and Soviet history, and the former Soviet Union as a totalitarian society and world power.

HIC 344S The History of the Two St. Petersburg

The history of St. Petersburg, Florida, which celebrated its centennial in 1988, and the Russian St. Petersburg.

HIL 345 American Social and Intellectual History I

American culture, thought and social institutions to 1865: Puritanism, Enlightenment, 19th century democracy, slavery, racism. Prerequisite: previous college level work in American history.

HIL 346 American Social and Intellectual History II

American culture, thought and social institutions from 1865 to present: Darwinism, industrialism, Progressive Movement, liberal democracy in the 20th century. Prerequisite: previous college work in American history.

HIL 347 Recent American History: The Historians' View of Our Times (Directed Study available)

Current trends in interpreting U.S. history since World War II. Transformation of American society since 1945 and the new position of the U.S. in world affairs.

HIL 353E Environmental History

The role and place of nature in human life, and the interactions that societies in the past have had with the environment. Concentrates on the U.S., but provides methodological approaches to the broader field.

HIL 361 Modern France: 1815 to Present

Political, social, economic and intellectual development of France from the revolution to the fall of DeGaulle's government. Prerequisite: HIL 204G or HIC/L 234G or permission of instructor.

HIL 363A Renaissance Italy and the Arts

A chronological study of the development of Renaissance humanism in Italy from its origins in 14th century Florence to its artistic expressions in 16th century Venice and Rome. There are no prerequisites but students must be able to use the library well.

HIL 364 The Reformation

Reformation theology in its political and institutional context. Theology and structure of each branch of the Reformation, and the political contexts of the various movements. Prerequisite: HIL 203G or permission of instructor.

HIL 365 Topics in European Women's History

Methodology and approach of women's history. Topics vary by semester, but include such subjects as women in the Christian tradition, and women and war in the 20th Century. Prerequisite: one of either HIL 203G, 204G, 232G, 233G, or permission of instructor.

HIL 367 Paris and the Enlightenment

Social, political and intellectual developments of 18th century France as manifested in the people and events of Paris. Students may pursue topics in their own discipline. Prerequisite: HIL 203G or permission of instructor.

HIL 371 Latin American History

Survey of economic, social and political patterns from 19th century independence to present, with continuities in trade, labor, leadership and social order reflecting Latin America's colonial heritage, and its contemporary role in the global economy.

HIL 374A Celtic Culture and History

Study of the history of Celtic peoples from antiquity to the present with special focus on the social, cultural, and religious developments of ancient Celtic culture and the subsequent political and cultural subordination of Celtic culture to the dominant cultures in Britain, France, Spain, and elsewhere in Europe. No prerequisites.

HIL 388S The Harlem Renaissance

Emergence of a new literary and artistic movement within the African-American community in the 1920's, and how it affected other social movements in American society. Helpful, but not required, to have had African-American History I and II.

HIC 389 History of East Central Europe

Geography, linguistics, religion, nationalism and political realities. Prerequisite: at least one course in European or Russian history, or permission of instructor.

HIC/HIL 400 Towards a New Past: Making History

The philosophy of history, new approaches to historical study, and new developments in the field. Historians whose interpretations have had a major impact on their fields. Required for history majors.

AML 306S American Myths, American Values

AML 307S Rebels with a Cause: Radicals, Reactionaries and Reformers

AML 308S Becoming Visible: Sex, Gender and American Culture

AML 400 Theory and Practice in American Studies

For description see American Studies.

HONORS PROGRAM

For description see page 17.

WHF 184 Western Heritage in a Global Context (Freshman year)

For description see Western Heritage.

Perspective Courses (Sophomore and Junior years)

Two perspective courses are designated each year as Honors Perspectives. Please consult the course schedule.

Honors students are required to take at least two perspective courses and are excused from the collegial distribution requirement to give them flexibility and to avoid scheduling difficulties.

SSH 410 Honors Colloquium (Senior year)

A student-directed seminar focusing on both common curriculum experiences and specific policy and values issues related to the students' individual disciplines. A two semester course for one course credit.

Students taking the Senior Honors Colloquium also take the Senior Seminar in their collegium or discipline, if it is required.

HUMAN DEVELOPMENT

Students majoring in human development are prepared for graduate programs in counseling, counseling psychology, social work, marriage and family therapy, education, or related allied therapy fields and for entry level positions in human services. By developing a strong foundation of self-knowledge and understanding of others across the lifespan, students learn how to help people reach their fullest potential whether in business, government, education, private practice, or human service agency settings.

Human Development graduates are expected to possess:

- knowledge of the key theories of human development; the basic approaches to helping individuals, groups, and families resolve problems and maximize their potential; and a multicultural perspective on human growth and functioning.
- skills in interpersonal communication, public speaking, and group facilitation
- skill in research methods and writing employed by those in the helping professions and effective use of library and computer-based resources.
- an understanding and application of ethical principles and personal responsibility in the helping professions.

These competencies are demonstrated through satisfactory completion of the required courses and Senior comprehensive paper.

Core courses in the major include the following which are listed in the order in which they should be taken. All courses require a grade of C or better to qualify for graduation in the major.

1. Introduction to Human Development
2. Statistical Methods
3. Counseling Strategies: Theory and Practice
4. Group Dynamics
5. Cross Cultural Communication and Counseling
6. Social Ecology and Mental Health
7. Ethical Issues in Human Development
8. Leadership and Administrative Dynamics
9. Internship in Human Development
10. Social Policy and Social Development

The extensive 210-hour internship and a minimum of five (5) other courses are required in the emphasis area of the student's choice. Students may choose an area of emphasis in mental health, wellness and holistic health, early childhood, youth services, or social work. In special cases the student in conjunction with a Mentor may design an alternative area.

To minor in human development, a student must complete Introduction to Human Development,

Human Development

Counseling Strategies Theory and Practice, and three of the following: Social Ecology and Mental Health, Ethical Issues in Human Development, Cross Cultural Communications and Counseling, Development of Human Consciousness, or Group Dynamics.

HDA 101S Introduction to Human Development

Overview of the helping professions; study of life stages with accompanying needs, crises, passages; community family support; relationships between personal values and life problems. Field trips.

HDA 203 The Adolescent Experience

Behaviors, attitudes and problems of adolescents. Controversial social and values issues. Prerequisite: PSB 101S or HDA 101S or permission of instructor. Not offered on a regular basis.

HDA 204 Socialization: A study of Gender Issues

Socializing processes affecting men and women; social roles and their origins, sexual difference, effects on mental health and unifying aspects of masculine/feminine nature; influence of culture, understanding socialization processes. Recommended: HDA 101S or PSB 101S or SLB 101S.

HDA 205 Theory and Practice in Student Personnel

Theoretical and philosophical foundations of postsecondary student affairs profession, functional units, organizational approaches, current issues, necessary skills. Prerequisite: HDA 101S or permission of instructor. Not offered on a regular basis

HDA 207 Group Dynamics

Laboratory approach to the study of groups, including participation, observation and analysis; investigation of roles of group members, transitional stages, leadership, and group functioning.

HDA 208E Your Health and the Environment

Socioecological model of health addresses ways in which human health is influenced by both environmental and personal factors. Exams and individual health project.

HDA 209 Childhood Roles and Family Systems

Adaptive nature of childhood roles (Hero, Scapegoat, Lost Child, Mascot) and their continued effect on adults. Strengths/weaknesses, benefits/losses of specific roles. Compare healthy and dysfunctional families. Prerequisite: HDA 101S or PSB 101S.

HDA 210 Counseling Strategies: Theory and Practice

Overview of counseling process and career exploration in the helping professions. Review of psychotherapeutic approaches. For students planning to use counseling related skills in their careers. Prerequisite: HDA 101S or PSB 101S or permission of instructor.

HDA 220 Religious Experience in Human Development

Introductory exploration of the nature of religious experiences and expressions from the viewpoint of the human development disciplines. Principal practices and major thinkers in the Anglo-American, French, and German traditions will be presented and discussed. The impact of religious values on individuals and institutions will be considered. Prerequisites: one course in Human Development, Psychology, or Religious Studies, or instructor's permission.

HDA 225 Introduction to Social Work

Introduction to profession, practice, history and value bases of social work. General systems framework utilized. Current professional trends in the local community, newspaper reading and guest lecturers. Prerequisite: HDA 101S.

HDA 271 Peer Education Training: Leadership and Programming

Fundamentals of developing and implementing programs for targeted groups in health, mental health, leisure, education, and other settings to meet needs and interests of different populations. Prerequisite: HDA 101S, 207, or permission of instructor.

HDA 305 Human Diversity: Overcoming Barriers

Characteristics, needs and intervention implications for handicapped populations. Prerequisites: SBL 101S or HDA 101S. Not offered on a regular basis.

HDA 310 Expressive and Allied Therapy

Expressive therapy in hospitals, agencies, nursing homes, public and private institutions for the disabled, and the planning process involved in treatment. Prerequisite: HDA 210. Not offered on a regular basis.

HDA 324 Counseling Strategies for Children

A multi modal approach to learning current theories of counseling with children: process, play, selection of toys, limited setting, relationships with parents, etc. Prerequisites: HDA 101S or PSB 101S, HDA 210, or permission of instructor.

HDA 326 Counseling for Wellness

(Directed Study available)

Holistic/wellness paradigm to health involving social, physical, emotional, spiritual, mental and vocational aspects. Theory, research, alternative health care, counseling procedures. Prerequisites: HDA 101S, 208E, 210 or permission of instructor. Generally offered alternate years.

HDA 327 Social Ecology and Mental Health

Theory, practice, development and research in community mental health systems. Survey of local programs; overview of medical and developmental models and strategies; practice in designing programs for the Eckerd College community. Prerequisites: PSB 101S or HDA 101S, HDA 210, and Statistics.

HDA 328 Cross-cultural Communication and Counseling

The elements of culture and their influence on world view, language, contextual definitions of proper communication; theories of cross-cultural communication; cognitive, affective, verbal and non-verbal dimensions of communication. Experiential practice. Prerequisite: HDA 210 or permission of instructor.

HDA 329 The Person -Environment Equation

How environmental studies and concepts are used in community mental health and social science fields to provide holistic approaches to complex problems of human development. Natural and built aspect of the physical environment and their relationship to mental, emotional, and psychosocial human actions. Small group field research.

HDA 350G Contemporary Japanese Families

Modern Japanese family systems as a window introducing Japanese culture. Self identity, role behaviors, and values/expectations in social, educational, religious, political, economic and aesthetic context. How culture is constructed and transmitted across generations. Seminar with focused library and web research, film series.

HDA 383S Development of Human Consciousness

Investigate interdisciplinary theories, practices, and research in normal and altered state of consciousness and the evolution of human consciousness. Forms of consciousness leading to better health, well being, creativity and spiritual, valuing dimensions of life.

HDA 386 Ethical Issues in Human Development

Ways that people express their personal, professional, and cultural values as they struggle with challenging ethical dilemmas in the helping professions such as counseling, the law, ministry, and health care. Personal ethical analysis and professional codes of ethics.

HDA 401 Internship in Human Development

A field-based learning experience; 210 on-site hours of off-campus placements, such as centers for drug abuse, delinquency, women's services, mental health. Bi-weekly seminar. Prerequisite: Senior standing and permission of instructor.

HDA 304 Practicum in Peer Counseling

Developing skills in interviewing, assessing individual problems and strengths. Role played and videotaped counseling sessions, supervised counseling experience appropriate to student's level. Prerequisites: HDA 210.

HDA 404 Leadership and Administrative Dynamics

Basic principles and distinctiveness of human service organizations, administrative tools and techniques, facilitating the change process, and leadership development. HDA 327 and Junior or Senior standing or permission of instructor.

HDA 405 Practicum in Group Process

Theory, process and applications of group development and counseling. Lab practice of effective group membership and leadership behaviors. In class videotaping and additional group observation project. Prerequisites: PSB 101S or HDA 101S, 207, and 210.

HDA 410 Social Policy and Social Development

Explore aspects of professional and social development. Analyses of socioeconomic issues and social development approaches and strategies. Enter into theoretical and developmental debates. Presentations, guest speakers, projects.

HUMANITIES

Humanities is an interdisciplinary major coordinated by the Letters Collegium. Working together, the student and Mentor design a ten course program focusing on a central topic (e.g., historical period, geographical area, cultural/intellectual movement), using the methodology of one core discipline (art, foreign language, history, literature, music, philosophy, political science, religion, sociology, theatre), supplemented with courses from complementary disciplines. Humanities students are encouraged to participate in integrative humanities courses, such as the Letters Senior Seminar.

Five courses must be from the core discipline. The other five courses may be drawn from complementary disciplines. At least five courses must be beyond the introductory level. No later than the Junior year, a guiding committee of three faculty from disciplines in the student's program is selected. This committee designs and evaluates the Senior comprehensive examination, or may invite the student to write a Senior thesis.

Students who complete the humanities major demonstrate the following competencies

- knowledge of the topical focus from an interdisciplinary perspective, demonstrated by the ability to speak and write intelligently about it
- ability to understand and use the methodological processes of the core discipline, demonstrated by the successful completion of a comprehensive exam, thesis, or project
- ability to locate bibliographical information and to engage in scholarly writing on the topic.

INTERNATIONAL BUSINESS

The international business major is designed to provide students with a variety of proficiencies and experiences related to career opportunities and/or preparation for graduate work. The competencies achieved in the major are

- knowledge of international business fields within a multidisciplinary perspective, including anthropology, management, foreign language, foreign experience, economics, political science, culture area, marketing, accounting, finance, and personnel management.

- cross-cultural understanding and experience, and the capacity for leadership on cross-cultural issues in business and community life.
- preparation for careers in international business.
- preparation for graduate degree programs in the field of international business and related multicultural and international fields.

Requirements for the major are

Language

Five courses in one language with demonstrated conversational skills, or the equivalent, with a minimum average of 2.0.

World Cultures

Introduction to Anthropology with a C or better, one cultural area course, and one course to be chosen from a list of internationally-focused economics and/or political science courses.

Business Foundations

Principles of Accounting, Principles of Macroeconomics, Principles of Marketing, International Management, Finance, the latter two courses with a C or better.

International Business

The Cultural Environment of International Business, International Marketing, International Finance and Banking, Personnel and Global Resource Management, Ethical Issues in International Business (Senior Seminar) and the comprehensive examination Multinational Corporate Strategy, all with a C or better.

Prerequisite to international business courses is either Statistical Methods, Precalculus, Calculus I or Introduction to Computer Science.

Study Abroad

A winter term, summer term or semester abroad within an appropriate International Education program, or an individualized study under the direction of a member of the faculty. International students are exempt.

Freshmen and Sophomores

Foreign Language
Introduction to Anthropology
Cultural Area course
Mathematics requirement
Cultural Environment of International Business

Sophomores and Juniors

- Foreign experience
- Accounting
- Macroeconomics

Juniors

- International Management
- Finance
- Marketing
- International politics and/or economics course
- Personnel and Global Human Resources Management

A concentration is available in personnel and global human resources management (see separate description). This concentration may be taken separately or in conjunction with the international business major.

Seniors

- International Finance and Banking
- International Marketing
- Senior Seminar
- Senior Comprehensive Examination

Requirements for a minor include successful completion of Introduction to Anthropology, The Cultural Environment of International Business, International Marketing, International Finance and Banking, and an overseas winter term or other program in a foreign country.

IBC/ANC 260 The Cultural Environment of International Business

IBC/ANC 262E Environment, Population, and Culture

For descriptions see Anthropology.

IBC 275 The Sex Role Revolution in Management

Issues related to the history, problems and prospects of women in management. The impact of the sex-role revolution on women and men in corporations (the course is not for women only).

IBC 310 Students in Free Enterprise (SIFE)

Socially responsible competition for customers, profits, and entrepreneurship. Economic principles, market ethics, educational outreach. Meet with ASPEC and SIFE executives and entrepreneurs. Prerequisites: Sophomore and permission of instructor.

IBC/MNB 321 Consumer Behavior and Consumerism

Contributions of the behavioral disciplines (psychology, sociology, anthropology) to understanding the consumer decision-making process. The impact and value issues of the consumer movement.

IBC/ANC 361 International Management

Anthropologists have pioneered the study of management in non-Western cultures. Read background material comparing management practices in North America and other regions. Read a series of Harvard case studies; solve cross-cultural problems involving American corporations in foreign cultures and vice-versa. Prerequisite: Junior or Senior standing.

IBC/MNB 368 The Managerial Enterprise

Management theory and practice. Origins of professional management, theory, and practice of general management, and current management issues from several perspectives.

IBC/MNB 369 Principles of Marketing

Principles, problems and methods in distributing and marketing goods and services. Prerequisite: Junior or Senior standing.

IBC/MNB 373 Marketing Communications

Processes and functions of promotion, strategies incorporating creative use of advertising, publicity, merchandising, direct selling, and sales promotion. Prerequisite: IBC/MNB 369.

IBC/MNB 374 Market Intelligence

Collection and measurement of data on market identification, sales forecasting and marketing strategy development. Market research, cost/revenue breakdowns, competitive analysis, others. Prerequisite: IBC/MNB 369 and Statistics.

IBC/MNB 375 Marketing Channels and Logistics

Comparative marketing methods. Distributing products to consumers with optimal efficiency and economy. Prerequisite: IBC/MNB 369.

IBC 376 Personnel and Global Human Resources Management

Theory and practices of personnel and human resources management in organizations, including job definition, staffing, training and development, compensation and benefits, labor relations,

International Business

environmental analysis and human resource planning and controlling. Draws on research from the EC Human Resource Institute. Prerequisite: Junior or Senior standing.

IBC/MNB 378 Investment Finance

Exploration of financial operations in the investment world with emphasis on the private sector. Prerequisites: MNB 271, IBC 361 and either ECB 281S, ECB 282S.

IBC/MNB 379 Retail Organization and Management

Retail merchandising, promotions, physical facilities, personnel, planning, pricing, legalities, research techniques, store images, market targets. Prerequisite: IBC/MNB 369.

IBC/MNB 380 Sales Management

Communication skills, buyer's motivations, individual demonstrations of the basic steps to selling, illustrating how selling is a catalyst for the entire economy and for society in general. Prerequisite: IBC/MNB 369.

IBC 396/496 Personnel Planning and Industry Research I, II

Theory and practice of personnel and global resources management planning and applied research in organizations. Students participate in ongoing industry research projects of the Human Resource Institute (e.g., personnel strategic planning, environmental scanning for personnel functions such as recruitment and training). Prerequisite: IBC 376 and permission of instructor.

IBC 410 Ethical Issues in International Business

Senior seminar for international business majors. Study moral issues and ethical problems to understand complexities, interplay of values, law and ethics as they affect international business praxis.

IBC/MNB 475 Investment Analysis (Directed Study available)

Advanced investment course focusing on in-depth analysis of specific investment alternatives using the computer and other sophisticated techniques. Prerequisites: IBC 378 or MNB 377.

IBC 477 Entrepreneurship

Study of talents, qualities, values and expertise necessary to conduct profit and non-profit ventures contributing to society. Entrepreneurial project. Prerequisites: IBC 361, 369, and 378. IBC 498 may be taken concurrently.

IBC 480 Proctoring in International Business

Practical leadership experience for advanced students. The main task of this course will be to coach students enrolled in International Management with respect to decision making in case situations. Course prerequisites are IBC 361 and Instructor's permission.

IBC 485 International Marketing

International product management, pricing in foreign markets, multinational distribution and business logistics systems, world-wide promotion programs, international market and marketing research. Prerequisite: IBC 369.

IBC 486 International Finance and Banking

International banking system, foreign exchange risk management, long run investment decisions, financing decisions, working capital management, international accounting, tax planning. Prerequisite: ECB 282S, and MNB 377 or IBC 378.

IBC 496 Personnel Planning and Industry Research II

For description see IBC 396.

IBC 498 Multinational Corporate Strategy

Comprehensive offered during spring semester.

INTERNATIONAL EDUCATION

LONDON OFFERINGS

ARI 321A Art History: British Painting 1760 – 1960

Hogarth, Reynolds, Turner, Whistler, and others. Collections of George III, Sir John Soane, Duke of Wellington and other connoisseurs of the period discussed. Visits to museums and galleries.

ARI 351 (Directed Study) A History of English Architecture

For the London semester student, an introduction to the history of English architecture, from Anglo-Saxon times to the present. No prerequisites, but some contact with art or art history is recommended.

ECI 300S Economics and Social Impact of the Industrial Revolution

An interdisciplinary look at the Industrial Revolution, the technological, social, economic, political, and cultural phenomena that transformed life and attitudes in 18th and 19th century England.

INI 389G British Seminar

Required for students in the London semester. The historical, institutional and contemporary issues of Britain, with particular attention to London.

Visiting experts in various fields, excursions and readings help students develop understanding of Britain today.

The British Seminar is valid as a Global Perspective course in Comparative Cultures, Creative Arts and Letters. It is not valid as a Global Perspective course in Behavioral or Natural Sciences.

LII 313A Contemporary British Novels

British novels which have received critical acclaim in the past fifteen years; weekly perusal of the Times Literary Supplement; field trips to locales of the London-sited novels; seminar presentations of literary essays and papers on craft, art, human expression, and cultural commentary; possible attendance at readings by the authors. The course will emphasize making informed value judgments about the novels and literary taste.

LII 322 London in Literature

Read authors chosen from various periods for their quality as writers, as well as their focus on the London of their day. Visit museums and houses of authors.

POI 301S Introduction to Contemporary British Politics

Major issues in contemporary British politics the changing setting, need for institutional reform, mark of Thatcherism. British developments and decisions in the context of domestic constraints and imperatives.

PSI 350 (Directed Study) Youth Experience in a Changing Great Britain

The impact of recent events on British youth through face-to-face encounters and an examination of the institutions which shape their lives. Prerequisite: PSB 202 or a course in child development and consent of the instructor.

THI 365A Theatre in London

London theatre, including backstage tours and guest lectures, covering drama from classical to modern. For students with a general interest in theatre, of whatever major.

OTHER OPPORTUNITIES

Eckerd College cooperates with several institutions to provide students with opportunities in other overseas locations. In all cases, courses are chosen at the time of registration at the host university.

ISEP (International Student Exchange Program)

Opportunities to study overseas for a semester or year at one of over 100 locations throughout the world. Students enroll in universities abroad. Fees are paid to Eckerd College, and all scholarships, loans and grants apply as if on campus.

Hong Kong

Semester or full-year at Hong Kong Baptist University. Full range of courses. All majors. Classes in English. No language prerequisites.

Japan

Full-year exchange opportunities at Kansai Gaidai (Osaka) or Nanzan University (Nagoya). Full range of courses. Classes in English. Minimum of one year Japanese required prior to exchange.

Korea

Semester or full-year at Ewha Woman's University (Seoul). Wide range of courses. Classes in English. No language prerequisite.

United Kingdom

Full-year and semester exchanges with the University of Aberdeen, Scotland. Available to all majors; full curriculum. Junior standing recommended.

Full-year and semester exchanges with the University of Plymouth, England. Opportunities especially for science, computer science, and social science majors. Junior standing recommended.

Information on all of the above is available from the International Education and Off-Campus Study office.

CIEE (Council on International Educational Exchange)

Summer, semester, and full year programs in 24 countries in a wide variety of disciplines: intensive language study, business, social sciences, humanities, natural sciences, and development studies. Some prerequisites may apply. Junior status recommended.

ICADS (Institute for Central American Development Studies)

Semester program in Costa Rica, Nicaragua, and Belize for students concerned about social change and justice issues. Combines academic programs with opportunities for community projects and research. Academic foci: human rights, women's issues, environmental studies, agriculture, public health, education, wildlife conservation, and economic development. Two years of college Spanish recommended for those interested in Costa Rica and Nicaragua.

AustraLearn

Short-term, semester or year-long programs at 38 Australian universities. AustraLearn is designed to assist students with admissions, accommodation arrangements, and travel opportunities. Open to sophomores, juniors or seniors.

College Year in Athens

Summer, semester, and year-long programs. Ancient Greek civilization and Mediterranean studies; classroom study and instruction in museums and relevant sites, both ancient and modern. Courses conducted in English.

The Partnership for Service Learning

Summer, semester or full-year programs which integrate academic study and community service in the Czech Republic, Ecuador, France, India, Israel, Jamaica, Mexico, the Philippines, and South Dakota (with native Americans). Disciplines include history, political science, language, literature, sociology, economics and anthropology. Service opportunities include: teaching/tutoring; working in health care with the physically or emotionally handicapped, recreation, and community development projects. Junior status recommended.

SEA Semester

Semester program for students, combining the worlds of science and the humanities with a unique experience at sea. Courses including maritime studies (history, literature, contemporary issues), nautical science (sailing theory, navigation, ship's systems), and oceanography (marine biology, physical and chemical oceanography). No sailing experience is necessary. Junior standing recommended. Information on all of the above is available from the International Education and Off-Campus Programs.

INTERNATIONAL RELATIONS AND GLOBAL AFFAIRS

The international relations and global affairs major is designed to provide students with an understanding of the international political and economic factors, relationships, and issues shaping today's global community. It is an interdisciplinary major, but its home discipline is political science. Students majoring in international relations and global affairs affiliate with the Behavioral Science Collegium and will be associates of the political science faculty.

Students majoring in international relations and global affairs will gain competency in international political, economic, and foreign policy analysis, proficiency in a foreign language, and skills in research, writing, and oral communication. Students will also gain practical experience in international relations through their work in their practicum. Students will be prepared to go on to graduate study in international relations, the foreign service, or law. They will also be well prepared for a career in the international non-governmental community, service organizations, interest groups, or journalism.

The major requirements consist of three prerequisite courses: POB 103G Introduction to International Relations, ECB 282S Principles of Macroeconomics, and HIC/HIL 234G Twentieth Century World, plus six core courses distributed across the three core groups listed below. Also required are Political Science Research Methods, two and a half years of a foreign language, the international practicum, the Senior Seminar, and the Senior Comprehensive Exam. Students majoring in international relations and global affairs are also strongly encouraged to spend a semester or at least a winter term abroad.

Beyond the three prerequisite courses already listed, a minimum of six core courses are required for the major, with at least two courses taken from each of the following core groups: Group A - International Relations Theory, and Foreign Policy; Group B - Regional Studies; Group C - International Political Economy. The list of courses for each group includes:

Group A. International Relations Theory and Foreign Policy:

ANC 340 Conflict Studies

HIC 233G Global History in the Modern World

HIL 322 The U.S. as a World Power

IRB 340 Geneva and International Cooperation

POB 200 Diplomacy and International Relations

POB 212 U.S. Foreign Policy

POB 243 Human Rights and International Law

POB 251 The Media and Foreign Policy

POB 314 International Organization

POB 315 Theories of War and Peace

POB 316 Women and Politics Worldwide

POB 341 Ethics and International Relations

POB 343 International Environmental Law

POB 351 Politics & Process of U.S. Foreign Policy

Group B. Regional Studies Group: Students must take at least two courses, one each from different regions and one each from different disciplines.

ANC 203G Cultures of the Middle East

ANC 282G East Asian Area Studies

ANC 285G Latin American Area Studies

ANC 286G Cultures of Sub-Saharan Africa

HIC 244A Cultural History of Russia

HIC 343 Modern Russia and the Soviet Union

HIL 342 The Rise of Russia

HIL 361 Modern France

HIL 365 Topics in European Women's History

HIL 371 Latin American History

HIL 389 History of Eastern Europe

LIA 334 Twentieth Century European Fiction

POB 211G Inter-American Relations

POB 231G East Asian Politics

POB 311 Latin American Politics

POB 321S Comparative European Politics

POB 322 Authoritarian Political Systems

POB 324 East European Politics

POB 333 Government and Politics of Japan

POB 335 Government and Politics of China

POB 336 Japan, China and the U.S.

RUC/ LIC 234 Twentieth Century Russian Literature in Translation

SPC 302 Survey of Spanish American Literature

Group C. International Political Economy Group:

ECB 370 Industrial Organization

ECB 371 Economics of Labor Markets

ECB 385 Comparative Economic Systems

ECB 388 Economic Development

ECB 480 International Economics: Foreign Exchange

ECB 481 International Economics: Trade

POB 241 International Political Economy

POB 242 The Politics of Defense

POB 342 Hunger, Plenty, and Justice

In addition to the three prerequisite courses, the six core courses, and Political Science Research Methods, the major requires each of the following:

Language Requirement: At least two and a half years (five semesters) of college level foreign language or the equivalent. More years of language or a second foreign language are strongly encouraged. For double majors with a modern foreign language, please see **MODERN LANGUAGES AND LITERATURES**.

International Practicum: A type of internship that counts as at least one course credit and has both practical and reflective components. The practicum must have a clear international component if based locally or within the U.S.; it may include an independent study project abroad or a service abroad component. The student will work closely with a member of the political science faculty (or faculty from other disciplines represented in the major) in arranging for the practicum. The student is responsible for informing herself or himself of the available types of practicums, for choosing one that meets her or his needs, and for fulfilling the terms of the practicum contract in a timely manner.

IRB 340 Geneva and International Cooperation

Opportunity to visit and study United Nations agencies in Switzerland that deal with health, labor, human rights, the environment, refugees and trade matters. Prerequisite: permission of instructor.

IRB 410 Senior Seminar

Senior capstone course organized in conjunction with Speakers Series. Course includes active participation by persons experienced in international relations. Seniors help select seminar topics and organize public forums on issues and problems in international relations.

Students may also minor in international relations and global affairs by successfully completing Introduction to International Relations, four core courses beyond the introductory level and distributed across each of the three core groups, and the Senior Seminar.

INTERNATIONAL STUDIES

The International Studies major allows a student to design a program that combines language study, area studies courses, a living experience in the target culture, and a core discipline into an integrated program of study. A committee of three faculty members works with the student to select courses, plan the international experience, and supervise the senior comprehensive or thesis. Normally one of the members of this committee is the chair of the Comparative Cultures Collegium.

Students in this program must acquire a language competence at the advanced level equivalent to two years of college level instruction. Normally an intermediate level of language competence is required prior to the international experience. One semester supervised residence abroad in a selected geographical area related to the major is a special feature of this program. This experience may be a language or cultural study program, or a practical internship.

The major consists of a minimum of twelve courses in addition to language study. Students must take one of the following introductory courses: Introduction to Anthropology, Twentieth Century World History, Introduction to International Relations, or Introduction to Comparative Politics, a minimum of five courses related to the cultural area, a semester or a summer session in the target culture; and five courses from a core discipline.

Students who complete the international studies major should be able to demonstrate a command of at least one foreign language; a knowledge of the social, political, and cultural structures of one particular country or area of the world; an understanding of the disciplinary perspective of one academic field; and an ability to write, think, and speak effectively in expressing the interrelatedness of peoples and cultures. Typically, students in this program have proceeded to graduate study in international relations or international studies, and have pursued careers in journalism, law, language teaching, international business, or employment in international service organizations.

ITALIAN LANGUAGE

See *Modern Languages and Literatures*.

JAPANESE LANGUAGE

See *Modern Languages and Literatures*.

LANGUAGES

See *Modern Languages and Literatures*.

LATIN

LAC/CLL 101/102 Elementary Latin

Master basic grammatical construction, develop a vocabulary of approximately 500 words and the ability to read moderately difficult prose. English word derivation heavily stressed. Prerequisite: CLL/LAL 101, for CLL/LAL 102.

LETTERS

LTL 283 The Growth and Nature of Scientific Views

A historical consideration of scientific views of nature, concepts, discoveries, and methods, using Jacob Bronowski's film series *The Ascent of Man*. A good place to understand science historically and philosophically in a social setting.

LTL 300S American Ideals and the Courts

See *Social Relations perspective courses*.

LTL 303 The Scientific Revolution and Human Values

Studies the 17th century Scientific Revolution as a redirection of Western society from theocentrism to scientific secularism. Seminars on

Copernicus, Kepler, Galileo, Bacon, Boyle, Descartes, Newton, and topics such as “science and religion,” “science and society.” Philosophical aspects of science, its roots and social impact.

LINGUISTICS

See **Anthropology**.

LITERATURE

Students majoring in literature develop competencies in analysis and interpretation of texts, skills in presenting ideas in writing and discussion, awareness of English and American literary traditions and cultural contexts, research skills, and appreciation for literature as an art.

Students must have a Mentor in the literature discipline, preferably chosen by the second semester of the Sophomore year, and must take a minimum of eight literature courses, including at least one from English literature prior to 1800, one from English literature after 1800, and one from American literature. One of these may be a writing workshop course. Literature majors work out their schedules with their Mentors according to individual needs. Literature majors must successfully pass a Senior comprehensive exam, covering in survey fashion English, American and comparative literature, literary criticism, and methodological application; course selections should be made with this requirement in mind.

In exceptional cases, students who have established their proficiency in literature may be invited to write a Senior thesis in place of the comprehensive exam. Students seeking to major in literature in addition to a primary major in another field must request permission of the faculty in literature as soon as possible, but not later than the second semester of the Junior year.

Courses are divided into three categories: introduction to study of literature (typically 100 level courses) and perspective courses; mid-level (typically 200-300 level courses), and advanced (courses with prerequisites, Senior seminars, etc.).

Students wishing to double major in literature and creative writing need to complete all courses for each major program, independent of courses taken to fulfill requirements for the other major. However, literature courses taken for a major in creative writing may be counted for a minor in literature.

For a minor in literature students take five courses in literature, one of which may be a writing

workshop, three of which must be Eckerd College courses, and two of which must be at the 300 level or above. Four courses taken at Eckerd must be taught by faculty in the literature discipline.

LIA 101 Introduction to Literature: Short Fiction

Short stories and novels, concentrating on critical thinking, clear, concise written and spoken exposition, and values embodied in great works. Attendance is required.

LIA/LIL 102 Introduction to Literature: The Genres

Plays, poems, fiction, non-fiction, concentrating on critical thinking, clear, concise written and spoken exposition, and values embodied in great works. Attendance is required.

LIA 109 Introduction to Poetry

Major forms and traditions through established and experimental examples from English and American poets. Lyric, narrative, ballad, sonnet, villanelle.

LIA 192 Four Authors

Study the literary work of four authors (will vary according to the year, the instructor, student suggestions, etc.), but will represent different times and places and the four basic genres of drama, poetry, fiction, and non-fiction. No prerequisites.

LIA 200A A Novelist on Narrative: Lectures on Modern and Contemporary Fiction

Open to non-majors, a good starting place for students interested in majoring in literature or creative writing, concentrates on careful reading. Expressive elements of narrative: plot, character, point of view, style, and setting.

LIL 201 Introduction to Children's Literature

Fable, fairy tale, short story, poetry, novel, information books, children's classics. Young readers and their development. Integration of visual and literary arts.

LIL 205 Women as Metaphor

Investigating European, Canadian and American literature with emphasis on metaphors for women, what it is to be human, and values choices. Conceptions of women through the ages as presented in literature.

LIL 206 Men and Women in Literature

Understanding the roles (or “metaphors”) for men and women involved in societal or individual choices, through the study of great works of Western literature.

LIL 209A Religion in Literature

Poems, stories, novels, and plays which deal with religious experience.

LIL 210A Human Experience in Literature

Basic human experiences (innocence and experience, conformity and rebellion, love and hate, the presence of death) approached through great poems, stories and plays. Literature from 400 B.C. to the present.

LIA 221 American Literature I: The Puritans to Whitman

Literature of 17th, 18th and 19th century America. The development and transfiguration of American attitudes toward nature, religion, government, slavery, etc., traced through literary works.

LIL 222 American Literature II

Survey of American literature from the mid 19th century to the present. Dickinson, Twain, James, Crane, Pound, Eliot, Frost, Stevens, O'Neill, Hemingway, Faulkner, Lowell, O'Connor, Welty and a range of contemporaries.

LIA 225 Modern American Poetry

Major American poets from 1900, concentrating on the meaning and values expressed in the poems, the development of modernism, and the reflection of America as our society developed.

LIA 226 Literary Genres: Short Novels

The short novel and ways in which it differs from shorter and longer fiction, how literature embodies values, and practice in the enunciation and defense of reasoned critical opinions. Attendance is required.

LIA 228 The American Short Story: Fiction into Film

Literature of 19th and 20th century America: humorists, poets, novelists, dramatists and short story writers, including Twain, Dickinson, Eliot, Frost, Henry James, Hemingway, Faulkner, O'Neill, Williams, O'Connor, Baldwin, Welty. Attendance required.

LIA/ANC 230 Linguistics

For description see **Anthropology**.

LIL 231A Literature of Exploration & Discovery

Embark on voyages with famous authors and characters, and share their geographical and psychological journeys to new regions of the globe, of the mind, and of the heart; encounter new lands, cultures, and values, and in the process, obtain new insights into our world and ourselves.

LIC/RUC 232A Russian Classics in Translation

LIC/RUC 234 Russian Literature in Translation
See **Russian Studies**.

LIL 235 Introduction to Shakespeare

Shakespeare through sampling each dramatic genre: comedy, tragedy, history and romance. Learn to appreciate and evaluate his writings, and the characteristic distinctions among the genres.

LIL/THA 236/7 History of Drama I and II

Two semester course; either may be taken independently. Part I includes Greek drama through the Restoration and 18th century. Part II includes pre-modern, modern and contemporary classics.

LIL 238 English Literature I: to 1800

General survey from the Old English to the Neoclassic period, highlighting the historical traditions which the authors create and upon which they draw.

LIL 239 English Literature II

General survey of British literature from 1800 to the present, including Romantic, Victorian, modern and contemporary writers. The historical tradition and outstanding individual artists.

LIA 241 Major American Novels

Major American novels, their narrative art, their reflection of American culture, their engagement of the readers' hearts and minds, exploring some of life's great questions as revealed by masterful writers.

LIA 242A Introduction to Native American Literature

Emphasis on southeast and southwest tribal themes, symbols and spiritual traditions: oral narrative, essay, poetry, fiction, myths, and modes of storytelling.

LIA 250 (Directed Study) Children's Literature

The best of children's literature in various genres. Students do either a creative (e.g., writing children's story) or scholarly (e.g., essay on history of nursery rhymes) project.

LIL 250 (Directed Study) Shakespeare

For students unable to enroll in LIL 235 Introduction to Shakespeare, or those wishing to pursue further work on Shakespeare independently.

LIA 267A Literature of Healing and Dying

The relationship between the sick person and the caregiver, and the relationship between the reader and the writer who describes, and sometimes criticizes, the first relationship, to deepen understanding of health care issues.

LIA 281A The Rise of the Novel

Some of the great works of the Western tradition, the fantastic and the realistic, following the guided dreams of narrative and its exploration of our imaginations and our worlds.

LIA 282A The Modern Novel

Modern writers and some of the questions of modern times: alienation, depth psychology in fiction, assessments of technology and urban life, sources of hope in humanism and literary art.

LIA/LIL 301 Southern Literature

Southern novels, short stories and plays, identifying what is "Southern" about them. Works by McCullers, Warren, Faulkner, O'Connor, Percy, Price, Porter, Gaines. Attendance required.

LIA 302 Studies in Fiction

Topics vary according to student and faculty interest. Close reading of texts, study of criticism and applicable literary theory, library research techniques, writing critical prose on the topic. Prerequisite: one college-level literature course.

LIL 303 18th Century British Literature

British literature from the death of Dryden to the beginning of the Romantic Age. Major writers including Locke, Swift, Pope, Addison, Jonson, Fielding, Sterne. Major Enlightenment themes and genres.

LIL 308 The Poetry of Donne and Jonson

The poetry of Donne and Jonson, comparing their ideas and techniques, their relationships to themselves, their beloved and the world, and examining perplexities held in common across the centuries.

LIL 312 Literature by Women

Poems, plays, stories, essays, journals, and other genres of literature by women of various cultures

and languages, primarily over the past century. Major social, political and historical movements shaping the writer and her world.

LIL 320 British Literature: Modern Poetry

Survey of British literature from the 1880s to World War II, and an attempt to define "modernism" in poetry. Poets include Hopkins, Hardy, Yeats, Housman, Eliot, Auden and Thomas.

LIL 322 Modern British Fiction

Readings of period documents in history and social sciences; major writers, including Conrad, Hardy, Huxley, Joyce, Lawrence, and Woolf. Does not include drama. Freshmen require instructor's permission.

LIL 323 The Victorian Age in British Literature

British poetry and prose during the reign of Victoria (1837-1901). Major writers including Tennyson, Browning, Arnold, Hopkins, Dickens, Ruskin, Hardy. Victorian themes and intellectual preoccupations.

LIL 324 The Romantic Age in British Literature

Pre-Romantics of late 18th century through major artists of the next two generations. Burns, Blake, Wordsworth, Coleridge, Scott, Shelley, Keats, Byron. Major Romantic themes and genres.

LIL 327 Chaucer to Shakespeare

Survey of major authors and forms of early English non-dramatic poetry, with emphasis on Chaucer, Spenser and Shakespeare. Prerequisite: LIL 235, 238 or permission of instructor.

LIA 328E Literature and Ecology:

Writings About the Earth Household

Exploring through "classic" as well as contemporary, primarily American, literature the myths, ideas, and attitudes which shape ecological practice. Understanding our heritage and using that knowledge to support earth household health.

LIL 329 Mythical Methods in Literature/Cinema

Breakdown of the narrative method in modern literature and film, and experiments by modern artists and directors with an alternative method, presenting fragments unified by reference to myth.

LIA 334 Twentieth Century European Fiction

Novels representing various countries, dominant literary movements and most influential authors. One or more novels may be read in the original language. Prerequisite: one college level literature course.

LIL 338 Twentieth Century Drama: British/U.S.

Representative dramatic forms through works by O'Neill, Williams, Miller, Eliot, Osborne, Pinter, Beckett, Arden, Stoppard, and the influences which helped shape modern drama.

LIA 349A Fiction from Around the World

Modern fiction from various parts of the globe. Artistic responses to social problems. Fiction as a means of representing human experience, both in values questions and literary elements (plot, character, image, etc.).

LIA 350 (Directed Study) Modern American Novel

Ten or twelve major American novelists of the first half of the 20th century from Dreiser through Richard Wright. Ideas, themes and analysis of writing style.

LIA 351 (Directed Study) Twentieth Century American Women Artists and Writers (c. 1900-1935)

Women artists and writers in the social and cultural context of their times. Students choose from among photography, dance, poetry, prose. Prerequisite: Sophomore or higher.

LIA/LIL 361 Literary Criticism

A study of literary theory and criticism using the most important figures in the West from Plato to the present. Prerequisite: one college literature course.

LIA/THA 362A Film and Literature

Elements of film production, major film genres, literary sources and analogues, and some of the critical approaches of film study.

LIA 368 Creative Nonfiction

Literary elements applied to describing reality accurately. Interpretation, point of view, style, personal involvement, ethical responsibilities studied through non-fiction writers.

LIL 372 Tragedy and Comedy

Range of periods and genres: drama, film, television. Critical opinions on what distinguishes the tragic and the comic. Prerequisite: two courses in literature.

LIA 380A Images of the Goddess

Myths, archetypes and symbols surrounding the Goddess in art and literature. Studied in relation to our own cultures, art-making, spiritual journey.

LIA 381 Contemporary American Fiction

Fiction that breaks new ground and how it evolves. Selections from several strands of current writing in America, traditional and experimental, male and female, urban and rural, white and black.

LIA 382 Contemporary American Poetry

Poems of post-1950 American poets, various movements that developed and the values they represent, and the difficult relations between the poet and society.

CRA 384 20th Century American Women in the Arts

Values and traditions affecting American women artists with emphasis on the 1960's to the present. Works by women in dance, visual arts, prose, poetry, film, photography, etc.

LIA 403 American Fiction Since 1950

Best of American fiction since 1950, selecting from such authors as Didion, Ellison, Malamud, Mailer, O'Connor, Kesey, Yates, Morris, Bellow. Attendance is required.

LIL 425 Seminar on Shakespeare

Plays and poems, language, structure, setting, characterization, themes, traditions. Limited to Senior literature majors, with others by permission of instructor.

LIL 430 John Milton Seminar

Milton's sonnets, epics, drama and prose, in the context of his life and times.

LIL 435 Poetry and Prose of T.S. Eliot

Transformation of Romanticism through the works of one of the greatest poets of the past hundred years. Prerequisite: one college-level literature course.

LIA/LIL 441 Twentieth Century Literary Theory

Important approaches to literature and language in the 20th century, including New Critical, Marxist, Psychoanalytic, Structuralist, Phenomenologist, Mythic, Feminist, New Historical, Deconstructionist. Prerequisite: two college-level literature courses.

LONDON OFFERINGS

See International Education.

MANAGEMENT

The management major rests on two principal foundations: teaching management in a liberal arts environment and teaching the general management core requirements that comprise the accepted body of knowledge in the discipline. The management major is designed to prepare the student for an entry level managerial position in an organization or for graduate school. The ultimate goal of the program is to prepare students for responsible management and leadership positions in business and society, both domestic and international.

The management major is designed to meet the needs of three categories of students: undergraduate majors in management, minors in management, and dual majors; and to integrate the general education and liberal arts emphasis throughout the four-year program of instruction.

At Eckerd College, the practice of management is viewed as a liberal art. The management major stresses developing ideas, problem solving, and communicating solutions rather than the routine and mechanical application of knowledge and skills. The management major emphasizes critical thinking, effective writing, asking probing questions, formulating solutions to complex problems, and assessing ethical implications of decisions.

The management faculty has identified a set of interdisciplinary management skills or competencies that students need to acquire but which do not fit neatly into the boundaries of the core management requirements described above. These skills build upon related competencies which students acquire in the general education program. These are: critical thinking, decision making and problem solving, negotiating and resolving conflicts, systemic thinking, information processing, entrepreneurship, introspection, cross-cultural skills and international perspectives, communication, and computer skills. As part of the liberal arts emphasis, the management major addresses individual and societal values as a component of each course in the program.

In addition to these liberal arts-related competencies, students in the management major also develop the following management competencies which build upon the general education program:

- management under uncertain conditions including policy determination at the senior management level.
- production and marketing of goods and services and financing the organization.
- knowledge of the economics of the organization and of the larger environment within which the organization operates.
- knowledge of the legal environment of organizations along with the ethical issues and social and political influences on organizations.
- concepts of accounting, quantitative methods, and management information systems including computer applications.
- organizational behavior, interpersonal communications, and personnel human resource management theory and practice.

The course sequence for a major in management is as follows:

Freshmen

MNB 110 Principles of Management and Leadership
CSN 110 Wide World of Computing
MNB 271 Principles of Accounting

Sophomores

ECB 281S Microeconomics
ECB 282S Macroeconomics (Micro and Macro may be taken in any sequence)
MNB/ECB 260M Statistical Methods in Management and Economics

Juniors

MNB/MAN 220 Quantitative Methods (prerequisite: statistics, CSN 110, MNB 271 and ECB 281S)
MNB/IBC 369 Principles of Marketing
MNB 371 Organizational Behavior and Leadership (prerequisite: Statistics and SLB 101S)
MNB 377 Introduction to Business Finance (prerequisite: CSN 110, MNB 271, and one of either
ECB 281S or 282S) OR
MNB/IBC 378 Investment Finance (prerequisite:

site: MNB 271 and two of ECB 281S, 282S or MNB/IBC 368)

Management Elective

Seniors

Management Elective Course

MNB 410 Senior Seminar: Issues in Management (Prerequisite: Senior standing.)

MNB 498 Business Policy and Strategic Management (comprehensive in management, Winter Term of Senior year. Prerequisite: completion of MNB 410 or permission of instructor.)

Management majors are required to complete each course with a grade of C or better. To progress in sequence, and to receive credit for core courses in which the student has received a D grade, a petition must be submitted and approved by the discipline coordinator.

Students must also meet all general education requirements to graduate.

Management majors are encouraged to minor in one of the traditional liberal arts.

A minor in management consists of the following five courses: MNB 260M Statistics, MNB/MAN 320 Quantitative Methods, MNB 371 Organizational Behavior and Leadership, and two of MNB/IBC 369 Principles of Marketing, MNB 271 Principles of Accounting, or MNB 377 Introduction of Business Finance.

MNB 110 Principles of Management and Leadership

Introduction to interdisciplinary nature of management and leadership practices. Historical development of management as a distinct discipline, principles and survey of functional areas of management, historical development of leadership principles, comparison of management and leadership similarities and differences, introduction to contemporary issues in management and leadership.

MNB 210 Computer Applications

For students with minimal experience with computers not planning a computer science major or information systems concentration. Major concepts, word processing, spreadsheet, data base, networking software, BASIC programming, consideration of ethical issues.

MNB/MAN 220 Quantitative Methods

A variety of mathematical tools are studied which are useful in helping managers and economists make decisions. Prerequisite: Statistics, CSN 110, EBC 281S, and MNB 271.

MNB 230G Asian Managerial Practices

An understanding of how culture, inclusive of social customs, political and economic structure, and historical antecedents, impact managerial practices in five Asian countries. Students will use the Hofstede and Kluckhohn-Strodtbeck models as the theoretical foundation for understanding these cultural differences.

MNB/PLL 242 Ethics in Management: Theory and Practice

Ethical theories as they relate to personal and organizational decisions, policies and actions. Analyzing situations which require moral decisions in the organizational context. Sophomore or higher standing.

MNB/SLB 251 Work and Occupations (Directed Study available)

For description see Sociology.

MNB/ECB 260M Statistical Methods in Management and Economics

For description see Economics.

MNB 271 Principles of Accounting I

Accounting principles used in the preparation and analysis of financial statements, accumulation of business operating data and its classification for financial reporting. Balance sheets and income statements.

MNB 272 Management Information Systems

Decisions that must be made by managers pertaining to computers and information systems. Computer terminology, hardware and programming, selecting computer and data base systems, etc. Prerequisite: CSN 143M (preferred) or MNB 210.

MNB 273 Life Career and Personal Financial Planning

Integration of life's values and goals into career objectives in order to develop a personal financial plan to increase one's quality of life. Of special interest to non-management majors.

MNB 278 Business Law

Principles, rationale and application of business law and regulations. Contracts, Uniform Commercial Code, creditors' rights, labor, torts and property, judicial and administrative processes.

MNB 310 Operations Management

Concepts and applications in service and manufacturing sectors of global economy. Forecasting, product and process decisions, capacity planning, facility location and layout, project management and operations scheduling, inventory planning and control, quality control. Prerequisite: Junior standing or instructor's permission.

MNB/IBC 321 Consumer Behavior and Consumerism

For description see **International Business**.

MNB/CSN 326 Environmental Computer Modeling

Learn to use a variety of computer software packages designed to enhance decision making abilities in the environmental arena. Combines lectures, discussions, group projects, and oral presentations of project results. Prerequisite: Statistical Methods.

MNB/SLB 345 Complex Organizations (Directed Study available)

For description see **Sociology**.

MNB/SLB 351E Technology, Society and Environment

For description see **Sociology**. (Directed Study available).

MNB/CSN 360 Database Systems

For description see **Computer Science**.

MNB 361 Business History

The growth of managerial enterprise from Colonial to modern times, its origins and development and the individuals important in its evolution. Prerequisites: MNB 368 and one course in American history. For Juniors and Seniors only.

MNB/IBC 368 Managerial Enterprise

MNB/IBC 369 Principles of Marketing

For descriptions see **International Business**.

MNB/SLB 371 Organizational Behavior and Leadership

For description see **Sociology**.

MNB 372 Principles of Accounting II

The information utilized by operating management in decision making: determination of product cost and profitability, budgeting, profit planning, utilization of standard cost and financial statement analysis. Prerequisite: MNB 271.

MNB/IBC 373 Marketing Communications

MNB/IBC 374 Market Intelligence

MNB/IBC 375 Marketing Channels and Logistics

For descriptions see **International Business**.

MNB 377 introduction to Business Finance

A survey of financial markets and institutions in both the public and private sectors and their impact on society. Prerequisites: CSN 110, MNB 271 and one of ECB 281S, ECB 282S.

MNB/IBC 378 Investment Finance

MNB/IBC 379 Retail Organization and Management

MNB/IBC 380 Professional Salesmanship

For descriptions see **International Business**.

MNB/ECB 384 Managerial Economics

For description see **Economics**.

MNB 385 Total Quality Environment Management

Methods used to evaluate the environmental consequences of policy decisions, product decisions about what products or services are provided, process decisions on how goods and services are created, systems decisions about implications of all previous decision levels.

MNB/ECB 386 Money, Banking and Financial Institutions

For description see **Economics**.

MNB/SLB 405 Human Ecology (Directed Study available)

For description see **Sociology**.

MNB 410 Issues in Management

Senior seminar for management majors. Weekly sessions with practicing executives on general management topics. Outside research.

MNB/IBC 475 Investment Analysis (Directed Study available)

For description see **International Business**.

MNB 479 Corporate Finance

An advanced finance course dealing with foundations of financial management used in organization decision making. Prerequisites: MNB 272, 377 or 378.

MNB 480 Proctoring in Management

For Senior management majors, leadership experience as group trainers. MNB 110 and permission of instructor required.

MNB 498 Business Policy and Strategic Management

Comprehensive examination requirement for management majors. Practicum in general management. Prerequisite: final semester of Senior year. Students may petition for enrollment if they are enrolled in no more than two 300-level courses.

MARINE SCIENCE

The marine science major provides both an integrative science background and specialized foundation work especially suitable for students planning professional careers in marine fields.

Students majoring in any track of the marine science major are expected to be knowledgeable regarding:

- 1) fundamental concepts of biological, geological, chemical, and physical oceanography;
- 2) research methods employed by oceanographers;
- 3) history of oceanographic exploration and research.

In addition, students are expected to be able to:

- 1) synthesize information from the various marine science disciplines;
- 2) write and speak well;
- 3) discuss creative approaches to research questions;
- 4) understand the nature of values-oriented questions associated with either human use of marine resources or human activities in general; and

- 5) utilize bibliographic resources effectively.

The B.A. degree is not offered.

Required for the B.S. are a core of nine courses:

Introduction to Oceanography, Fundamental Physics I and II, Calculus I and II, General Chemistry I and II, Chemical and Physical Oceanography, and Marine Science Seminar.

In addition to the core, specified courses in one of the following four tracks must be included:

MARINE BIOLOGY - Marine Invertebrate Biology, Marine and Freshwater Botany, Cell Biology, Genetics (Investigative), Ecology, Comparative Physiology (Investigative), Marine Geology or Marine Invertebrate Paleontology, and Organic Chemistry I.

MARINE CHEMISTRY - Inorganic Chemistry, Analytical Chemistry, Biochemistry, Marine Geochemistry, Physical Chemistry I or Physical Chemistry of Life Sciences, Instrumental Analysis, an introductory organismic biology course (Marine Invertebrate Biology, Marine Botany, or Vertebrate Biology), and Marine Geology.

MARINE GEOLOGY - Marine Geology, Marine Invertebrate Paleontology, Earth Materials, Earth Structure, Marine Stratigraphy and Sedimentation, Statistics, an introductory organismic biology course (Marine Invertebrate Biology, Marine Botany, or Vertebrate Biology), and an upper level geology course.

MARINE GEOPHYSICS - an introductory organismic biology course (Marine Invertebrate Biology, Marine Botany, or Vertebrate Biology), Marine Geology, Calculus III, Differential Equations, Earth Materials, Earth Structure, Exploration Geophysics, and one of the following: Hydrology, Marine Stratigraphy and Sedimentation, or Linear Algebra.

Biodiversity I and II may substitute for Marine & Freshwater Botany and Marine Invertebrate Biology, respectively. General and Molecular Physiology may substitute for Comparative Physiology (Investigative).

All marine science majors are encouraged to incorporate Sea Semester into their Junior or Senior year, or participate in an alternative field experience, possibly during winter term.

Students who major in the marine science biology track may not major in biology also, and students who major in the marine science chemistry track may not major in chemistry also.

Possible sequence of courses:

Marine Biology Track

Freshmen

- Calculus I and II
- Introduction to Oceanography
- Marine Invertebrate Biology
- Marine Geology or Marine Invertebrate Paleontology

Sophomores

- Marine & Freshwater Botany
- General Chemistry I and II
- Cell Biology
- Physics I and II

Juniors

- Genetics
- Organic Chemistry I
- Comparative Physiology or Ecology
- Chemical and Physical Oceanography
- Marine Science Seminar

Seniors

- Marine Science Seminar
- Comparative Physiology or Ecology

Recommended electives: Fish Biology, Marine Mammalogy, Techniques in Electron Microscopy, Elasmobranch Biology, Microbiology, Vertebrate Biology, Statistics.

Marine Chemistry Track

Freshmen

- Calculus I and II
- General Chemistry I and II
- Introduction to Oceanography

Sophomores

- Inorganic Chemistry
- Physics I and II
- Analytical Chemistry
- Introductory Organismic Biology

Juniors

- Chemical and Physical Oceanography
- Biochemistry
- Marine Geology
- Marine Science Seminar

Seniors

- Marine Geochemistry
- Physical Chemistry I or Physical Chemistry for Life Sciences
- Instrumental Analysis
- Marine Science Seminar

Marine Geophysics Track

Freshmen

- Introduction to Oceanography
- Calculus I and II
- Physics I and II
- Marine Geology

Sophomores

- Earth Materials
- Calculus III
- Earth Structure
- Differential Equations
- Introductory Organismic Biology

Juniors

- General Chemistry I and II
- Linear Algebra
- Exploration Geophysics
- Marine Science Seminar

Seniors

- Upper-level elective
- Chemical and Physical Oceanography
- Marine Science Seminar

Recommended electives: Hydrology, Marine Geochemistry, Marine Invertebrate Paleontology, Marine Stratigraphy and Sedimentation, Numerical Methods.

Marine Geology Track

Freshmen

- Calculus I and II
- General Chemistry I and II
- Introduction to Oceanography
- Marine Geology

Sophomores

- Earth Materials
- Physics I and II
- Paleontology or Earth Structure
- Introductory Organismic Biology

Juniors

- Marine Stratigraphy and Sedimentation
- Chemical and Physical Oceanography
- Statistics
- Marine Science Seminar

Seniors

Upper-level elective
Earth Structure or Paleontology
Marine Science Seminar

Recommended electives: Hydrology, Exploration Geophysics, Marine Geochemistry, Coastal Geology, Techniques in Electron Microscopy.

A minor in marine science consists of five courses to include the following: Introduction to Oceanography, Chemical and Physical Oceanography, Marine Geology or Marine Invertebrate Paleontology, Marine Invertebrate Biology or Marine Botany, and a 200+ level course focusing on marine science (e.g., Marine Mammalogy, Marine Geochemistry, Marine Stratigraphy and Sedimentation, Comparative Physiology or Ecology). These courses must not duplicate courses used by students to satisfy major requirements.

MSN 119 Introduction to Oceanography

Survey of geological, physical, chemical, biological oceanography. Topics include history, origin, sea floor, waves, tides, currents, properties and composition of seawater, productivity, pelagic and benthic environments, basic coastal processes.

MSN/BIN 187 Plant Biology

For description see **Biology**.

MSN/BIN 188 Marine and Freshwater Botany

Diversity of marine and freshwater plants, their relationship to each other and to their environment. A survey of all plant groups is included. Field trips.

MSN/BIN 189 Marine Invertebrate Biology

Structural basis, evolutionary relationships, biological functions and environmental interactions of animal life in the seas, exploring the local area.

MSN 208 Environmental Geology

Geological hazards and our use and abuse of the earth. Methods of preservation, conservation and sustained yield.

MSN 242 Marine Geology

Geological history of the oceanic environment. Marine geological and geophysical exploration techniques. Provides complete introduction to geological oceanography. Prerequisite: MSN 119.

MSN 257 Earth Materials

Rocks and minerals of the earth: mineralogy, petrography of igneous, sedimentary and metamorphic rocks. Prerequisites: MSN 119 and MSN 242.

MSN/BIN 301 Principles of Ecology

For description see **Biology**.

MSN/BIN 302 The Biology of Fishes

Systematics, anatomy, physiology, ecology, and behavior of fishes. Laboratory includes field collecting, trips to local institutions, examination of anatomical features and systematic characteristics. Prerequisite: BIN 200, and Junior standing or permission of instructor.

MSN 303 Exploration Geophysics

A laboratory course in theory, methods and applications; computer methods and geological applications emphasized. Prerequisites: MAN 132 and MSN 242.

MSN 304 Marine Invertebrate Paleontology

Morphology, classification, phylogeny, paleoecology of groups of marine invertebrate fossil organisms. Taphonomy, biostratigraphy, and the stages in the evolution of marine ecosystems. Field trips and labs.

MSN 305 Marine Stratigraphy and Sedimentation

Facies and basin analysis, sedimentary tectonics. Interpretation of clastic and chemical sedimentary rocks to infer processes, environments, and tectonic settings in the marine environment. Prerequisite: MSN 242.

MSN 306 Earth Structure

Microscopic-to-macroscopic scale structures in rocks, field observations of stress and strain. Oceanic and continental structures, theory of plate tectonics. Prerequisite: MSN 242 or permission of instructor.

MSN 309 Principles of Hydrology

The study of water: how rivers function, how water moves through the ground, pollution of water and other problems. Laboratory involving data collection, interpretation, computer work, field trips. Prerequisite: MSN 242, PHN 241, or permission of instructor.

MSN/BIN 311 Marine Mammalogy

For description see **Biology**.

MSN/BIN 314 Comparative Physiology:

Investigative

For description see **Biology**.

MSN/BIN 315 Elasmobranch Biology and Management

MSN/BIN 316 Comparative Physiology:

Interpretive

For descriptions see **Biology**.

MSN 342 Chemical and Physical Oceanography

Chemical and physical properties of seawater, distributions of water characteristics in the oceans, water, salt and heat budgets, circulation and water masses, waves and tides, coastal oceanography. Prerequisites: MSN 119, CHN 111, 211, and PHN 241, or permission of instructor.

MSN 347 Marine Geochemistry

Geochemical and biogeochemical processes in oceans. Fluvial, atmospheric, hydrothermal sources of materials, trace elements, sediments, interstitial waters, diagenesis. Prerequisite: MNS 342 or permission of instructor.

MSN/BIN 402 Marine Ecology

Selected aspects of marine systems. Prerequisites: BIN 301 or 307.

MSN 410 Marine Science Seminar

Topical problems in all disciplines of marine science. Junior and Senior marine science majors participate for one course credit. Sophomores are invited to attend.

For other courses meeting marine science requirements, see **Biology**, **Chemistry**, **Mathematics**, **Physics**, **Statistics**, and **Sea Semester**.

MATHEMATICS

Students majoring in mathematics acquire knowledge of the basic definitions, axioms, and theorems of mathematical systems. Moreover, they apply mathematical reasoning within many different contexts and they develop proficiency in computation.

The basic requirement for either the B.A. or B.S. degree is the completion of Calculus III and eight mathematics courses numbered above MAN 233. The Mathematics Seminar is required in the Junior and Senior years.

Competencies in the major are attained through the successful completion of these courses and the completion of a comprehensive examination or thesis with a final grade of C or better.

Student placement in first-year courses is determined by evaluation of high school mathematics transcripts. Consideration is given toward advanced placement within the curriculum.

A minor in mathematics is attained upon the completion of five mathematics courses with a grade of C or better. Three of the courses must be numbered above MAN 233.

MAN 102M Philosophy of Mathematics

The intellectual development of mathematical thought. Plato, Aristotle, Ptolemy, Newton, Einstein and others studied in a historical and philosophical context. Some computing required but skill or knowledge in a programming language not needed.

MAN 104M Survey of Mathematics

Applications of mathematics to real problems: graphing, equations and inequalities, probability, statistics, consumer mathematics. Students use calculators and computers.

MAN 105M Precalculus

Algebraic, exponential, logarithmic, and trigonometric functions. Analytic geometry, curve sketching, mathematical induction, equations and inequalities.

MAN 131M Calculus I

First in three-course sequence. Techniques of differentiation and integration, limits, continuity, the Mean Value Theorem, curve sketching. Riemann Sums and the Fundamental Theorem of Calculus. Applications in the sciences. Prerequisite: Placement at the calculus-ready level.

MAN 132 Calculus II

Continuation of MAN 131M. Exponential, logarithmic and trigonometric functions, formal integration techniques and applications. Taylor polynomials and infinite series. Prerequisite: MAN 131M.

MAN 133M Statistics, An Introduction

Emphasis on concepts, methods, and applications useful in the natural sciences. Elementary probability theory and random variables, common

discrete, continuous probability distributions. Statistics and sampling distributions, estimation and hypothesis testing, simple regression. Credit is given for only one of MAN 133M or one of the behavioral science statistics courses, but not both.

MAN 143 Discrete Mathematics

Algorithms, induction, graphs, digraphs, permutations, combinations; introduction to probability, logic, Boolean algebra, difference equations. Emphasis on discrete rather than continuous aspects. Prerequisite: MAN 131M.

MAN/MNB 220 Quantitative Methods

For description see **Management**.

MAN 233 Calculus III

Continuation of MAN 132. Three-dimensional analytic geometry, partial and directional derivatives, extreme of functions of several variables, multiple integrals. Prerequisite: MAN 132.

MAN 234 Differential Equations

Existence and uniqueness theorems, n th-order linear differential equations, Laplace transforms, systems of ordinary differential equations, series solutions and numerical methods. Prerequisite: MAN 132.

MAN 236 Linear Algebra

Vector spaces, linear transformations, matrices, eigenvalues, eigenvectors, and systems of linear equations. Prerequisite: MAN 132 or permission of instructor.

MAN 237 Introduction to Mathematical Thinking

Abstract mathematical reasoning and exposition, emphasizes writing and understanding mathematical proof, propositional and predicate calculus, relations, functions, construction and properties of number systems. Prerequisite: MAN 132 or 143.

MAN 238 Optimization Techniques

Classical techniques for optimizing univariate, multivariate functions with or without constraints. Linear programming (model, assumptions, simplex method, duality, sensitivity analysis, applications). Nonlinear programming (Lagrange multipliers, Kuhn-Tucker conditions, quadratic, convex programming, search techniques). Prerequisite: MAN 233 or permission of instructor.

MAN/PHN 251 Mathematical Methods of Physics

Applications of calculus to celestial mechanics, electromagnetic field theory, special relativity. Differential k -forms, directional derivatives, perturbation theory, differential equations, Poincaré's method.

MAN 333 Probability and Statistics I

First in two-course sequence. Mathematical theory of probability with applications, combinatorial analysis, axioms of probability, conditional probability and independence. Univariate, jointly distributed random variables, expectation, central limit theorem, law of large numbers. Prerequisite: MAN 233.

MAN 334 Probability and Statistics II

Integrates definitions and theorems of probability with graphical descriptive methods of data analysis. Rationale of confidence intervals, significance testing, experimental design, statistics and sampling distributions, goodness-of-fit, regression and linear models. Prerequisite: MAN 333.

MAN 335 Abstract Algebra I

First in two-course sequence. Integers, groups, rings, integral domains, vector spaces, development of fields. Prerequisite: MAN 132 or 236.

MAN 336 Abstract Algebra II

Continuation of MAN 335, which is prerequisite.

MAN 339 Combinatorial Mathematics

Problem solving techniques for enumeration of finite sets. Permutations and combinations, generating functions, principle of inclusion and exclusion, recurrence relations, Polya's theory of counting and fundamentals of graph theory. Prerequisite: MAN 132.

MAN 340 Dynamical Systems

An introduction to dynamical systems, chaos and fractals. Dynamic modeling, stability analysis, bifurcation theory, strange attractors, self-similarity, iterated function systems. Prerequisite: MAN 234 or permission of instructor.

MAN/CSN 341 Numerical Analysis

Methods for solving an equation or systems of equations. Interpolating polynomials, numerical integration and differentiation, numerical

solutions of ordinary and partial differential equations, boundary value problems. Prerequisite: MAN 233 or permission of instructor.

MAN 351 Fourier Analysis

Method, justification, applications of representing a function by an orthogonal set of functions. Necessary analysis, distribution theory, unified view of Fourier series, transform and discrete Fourier transform, fast Fourier transform algorithm, sampling theory. Prerequisite: MAN 234.

MAN 410 Mathematics Seminar

Required of all Juniors and Seniors majoring in mathematics. One course credit upon satisfactory completion of two-years participation. Mathematical processes from a historical and cultural perspective.

MAN 411 Introduction to Topology

Introduction to point-set topology emphasizing connectedness, compactness, separation properties, continuity, homeomorphisms and metric and Euclidean spaces. Prerequisite: MAN 233 or permission of instructor.

MAN 421 Partial Differential Equations

Modeling and paradigms for solutions. Separation of variables, closed form solutions (d'Alembert and Green's functions), Fourier series, Bessel functions, Legendre polynomials, Laplace transforms and numerical methods. Prerequisite: MAN 234.

MAN 433 Real Analysis I

First in two-course sequence. The real numbers as a complete ordered field, derivatives, Riemann integrals, Euclidean n -space, partial derivatives, vector-valued functions of vector variables, multiple, infinite, line and surface integrals, infinite series, Green's and Stoke's theorems. Prerequisite: MAN 233.

MAN 434 Real Analysis II

Continuation of MAN 433, which is prerequisite.

MAN 499 Independent Research Thesis

Senior mathematics majors may, upon invitation of the mathematics faculty, do research and write a thesis under the direction of a member of that faculty.

MEDICAL TECHNOLOGY

The Medical Technology program offers students a B.S. or B.A. degree by completing three years of general studies here and a fourth year of professional coursework at a hospital which has been approved by the Council on Medical Education of The American Medical Association.

The general studies program at Eckerd College must include a minimum of eleven courses in the Natural Sciences which are required for certification: four courses in biology (including microbiology and immunology); four courses in chemistry (including organic), one course in mathematics (normally calculus), and two courses in physics. Completion of the all-college general education requirements is expected of all graduates. Senior general education courses should be taken in advance.

The professional coursework taken during the Senior year requires that the student spend 12 months in training at a certified hospital to which he/she has gained admission. For most Eckerd students, this is Bayfront Medical Center. The student receives college credit for the laboratory courses taken in that clinical setting. The baccalaureate is awarded on successful completion of this coursework with a major in interdisciplinary science.

In addition, the student receives certification by the American Society of Clinical Pathologists (ASCP) after passing an official examination. Supervision of clinical coursework during the Senior year is carried out by a program director (an M.D. certified in clinical pathology by the American Board of Pathology) and an educational coordinator (a medical technologist certified by the Registry of Medical Technologists).

MODERN LANGUAGES

Students may pursue a language major in French, German or Spanish, a major in Russian studies, or a major in Modern Languages. Course work is also available in Italian, Japanese and Latin.

The language major consists of eight courses, plus a Comprehensive Exam (a Senior Thesis or Senior Project may replace the Comprehensive in certain cases). Students who place or are placed at the 100 level may count the first year sequence (101-

Modern Languages

102) or the one semester intensive toward the major. Students who transfer in course credits from study abroad must make sure to take at least one 400 level course at Eckerd before undertaking the Comprehensive Exam. Language majors are expected to speak the language well enough to be rated at the Intermediate Low level of proficiency as defined by the American Council of Teachers of Foreign Languages (ACTFL). Language majors are therefore strongly urged to spend at least one semester studying abroad usually during the Junior year. The Office of International Education will assist students in identifying appropriate programs. In addition, all majors in this field of study are expected to have tested knowledge in cultural, historical, and literary understanding. This will be verified by the successful completion of the Comprehensive Exam. Students may, at the invitation of the faculty, write a Senior Thesis or complete a Senior Project instead of taking the Comprehensive.

All students must, upon arrival on campus in their Freshman year, take the language placement exam if they have studied a language in high school. In consultation with the language faculty, students will then choose a course of study which will lead to a major or double major in a modern foreign language.

Double majors: Students who major in International Business, International Relations or International Studies are strongly encouraged to develop double majors in combination with French, German, Russian Studies or Spanish. Fluency in a second or third language will greatly increase employability and opportunities for graduate study. All of the "International" disciplines have strong language requirements for their majors, and students would in most cases already be near the completion of a language major by the time they graduate. Students who arrive at Eckerd with little or no experience in a language, or who wish to begin a new language, can complete a major counting the first year sequence as part of the requirements.

Majors in modern languages pursue a variety of careers including education, government, journalism, business, or graduate school.

Minors are available in French, German, and Spanish. A minor consists of five courses, including the first-year sequence.

Accelerated elementary language courses are numbered SPC 111 or FRC 112 in the schedule of courses.

FRENCH

FRC 101/102 Elementary French

Introduction to French for students with little or no training in the language. Three classes and two laboratory sessions per week.

FRC 112 Accelerated Beginning French

A review of elementary French for students with some background in the language. Oral comprehension, writing, speaking, reading.

FRC 201 and FRC 202 Intermediate French

Designed as sequel to FRC 101-102, or for students with three years of high school training. Newspaper and magazine articles, short works of fiction, poems, and videos serve to develop oral and written control of French. Prerequisite: FRC 102 or three years of high school French.

FRC 212 Accelerated Intermediate French
Intensive oral and written work, readings on contemporary French issues. Prerequisite: FRC 102, 112 or the equivalent.

FRC 302 Advanced Composition and Conversation

A refinement of student mastery of structure and vocabulary, with emphasis on the ability to communicate both orally and in writing. Laboratory work as needed. Prerequisite: FRC 202, 212 or equivalent.

FRC 303 French for Cultural Communication

For students who wish to approach fluency and refine their ability to communicate in oral and written form. A variety of media including journalism, novel, film, theatre. Write in genres such as personal essay, literary analysis, oral presentation. Develop personal expression within standard of fluency. Prerequisite: FRC 302 or the equivalent.

FRC 308A Introduction to French Literature and Culture

Survey French literature from medieval period through twentieth century. Evolution, structure, form, relationships of culture and history to the literature. Prerequisite: 300 level standing in French.

FRC 325G French Caribbean Literature and Culture

Music, literature and local art of the French Antilles. Creole responses to colonial domination, racism, heterogeneous ethnicity, diglossia, exile. Prerequisite: FRC 302 or equivalent.

FRC 370A Literature and Film in Postwar France

Literature, cinema, and aesthetic questions in France from World War II to present. Existentialism, formalism, New Novel, New Wave and the return of history in the '70s and '80s. Prerequisite: Good working knowledge of written and spoken French demonstrated by an interview and writing sample, or completion of any 300 level French course.

FRC 392G Francophone Africa and the Caribbean

Literature and culture of two major francophone regions which have attempted to resist and reject values imposed by the French. Alienation and Western society, survival of indigenous culture, importance of Islam, necessity and impossibility of writing in the colonizer's language, the negritude movement. Prerequisite: 300 level standing in French.

FRC 401 French Literature in Formation

From the emergence of the French language in the middle ages to the splendid epoch of French Classicism, explore how a theme, topic or genre emerged as a powerful influence in France's later literary tradition. Prerequisite: FRC 302 and permission of instructor.

FRC 402 Romanticism to Modernism

Authors who formed attitudes about the rightful place of "man" in the world, decried superstition and violence, or undermined authority throughout the 18th century and beyond the Revolution into the 19th. Prerequisite: FRC 302 or 303 and permission of instructor.

FRC 403 Topics in Modern French Literature

One or possibly two limited topics in this broad area each semester. Prerequisite: FRC 302 or 303 and permission of instructor.

FRC 404 Themes in French Literature

Discover, analyze and discuss various aspects of French literature, with unifying motifs. Prerequisite: FRC 302 or 303 and permission of instructor.

FRC 405 Commercial French

Learn the style and vocabulary specific to French business. Basic workings of the French economy, and business terms. Prerequisite: FRC 302 or equivalent.

FRC 406 French Theatre on Stage

Practice understanding, learning and reciting passages in plays from 17th century to modern works, to improve oral communication skills in French. Prerequisite: FRC 302 or equivalent.

FRC 410 Senior Seminar in French Studies

Readings and discussion of selected topics. Prerequisite: two 400 level French courses.

Semester Abroad in France

See International Education.

GERMAN

GRC 101/2 Elementary German I, II

Language through videos and supplemental reading. Method appropriate to need, patterning and grammatical analysis. Will enable students to function in German-speaking country. Prerequisite: GRC 101 or equivalent for 102.

GRC 201/2 Intermediate German I, II

Review of grammar; short stories and cultural films. Introduction to German culture and native language models. Class discussions in German. Prerequisites: GRC 102 for 201; 201 for 202.

GRC 301/2 Introduction to German Literature and Culture

German cultural heritage, including a survey of German literature from Goethe to the present. Prerequisite GRC 202 or equivalent.

GRC 304 The Novels of Hermann Hesse (Directed Study available)

In translation. Hesse's novels in chronological order, tracing the development of the man and his writings from poetic realism to impressionism.

GRC 305 The Novels of Hermann Hesse (Directed Study available)

In German. For description see GRC 304. Prerequisite: advanced standing in German.

German

GRC 311 Advanced German Composition and Conversation

Student participation in teaching theoretical and practical aspects of grammar. Topical discussions and written assignments in the language.

GRC 331/332 Special Topics in German

Projects based upon current needs and interests of students and offered at the discretion of the German faculty.

GRC 401/2 The German Novel I, II

A study of the most representative novelists from Goethe to the present. Includes Thomas Mann, Hermann Hesse, and the writers of present day Germany, Austria and Switzerland.

GRC 403/4 German Drama I, II

German drama from Goethe to the present. Particular emphasis on drama of the 19th century and the present.

GRC 441/2 Seminar in German I, II

Included are such topics as Goethe's Faust, German poetry, the German novelle, history of the German language, independent readings. For Seniors.

Semester Abroad in Germany

See International Education.

ITALIAN

ITC 101/102 Elementary Italian I, II

Intensive practice in speaking, listening comprehension, reading, writing and grammar. Prerequisite for 102 is 101 or permission of the instructor.

ITC 201/202 Intermediate Italian I, II

Prerequisite: ITC 102 or equivalent, or permission of instructor.

JAPANESE

JAC 101/102 Elementary Japanese

JAC 201/202 Intermediate Japanese

Dialogues in Japanese and English supplemented by grammar and usage drills. Practice in both speaking and reading. Second and third levels taught as directed studies.

JAC 103 Japanese Reading and Writing

The two syllabaries of the Japanese writing system, basic repertoire of about 200 kanji, sentence structures, vocabulary. Year long course designed to run concurrently with JAC 101 and 102, which are corequisite or prerequisite. Strongly recommended for students planning to study or work in Japan.

Year Abroad in Japan

See International Education.

SPANISH

SPC 101/2 Elementary Spanish

Intensive drill in understanding, speaking and writing Spanish. Prerequisite for SPC 102 is 101 or permission of instructor.

201/202 Intermediate Spanish I and II

Comprehensive grammar review. Exposure to authentic spoken and written forms of Spanish (songs, video, short stories, and poems). Emphasis on idiomatic usage and expressions.

SPC 205 Oral Expression

Develop level of spoken proficiency corresponding to the Intermediate Mid-level on the ACTFL Scale. Oral practice in tourism/travel, housing, shopping, home life, college experience, sports, health, food and restaurants, cars, conversing on the phone. Prerequisite: SPC 202.

SPC 300A Short Fiction: Study and Translation

Introductory survey (19th and 20th centuries) of the short fiction of both Spain and Latin America. Among the themes to be studied are social and political injustice, women's rights, alienation, violence, humor and love. Prerequisite: SPC 205 or permission of instructor

SPC 301A Civilization and Culture

Introduction to the study of hispanic civilization, culture, and literature. Major historical developments of the old and new worlds, ranging from the period of colonization and the Conquest to the present. Prerequisite: SPC 202.

SPC 307 Advanced Grammar and Composition

For students to develop and perfect writing skills, particularly those minoring or majoring in the language who also need to fulfill an extensive

language requirement, such as international business or international studies. Prerequisite: SPC 202 or permission of instructor.

SPC 308A Spanish Literature/Film Themes: Civil War

Spanish novel, theatre and film in light of their political and historical settings. Prerequisite: SPC 306 or 307, or equivalent.

SPC 310A Real/Surreal: Loca, Buneal, Dali

Selected works studies as manifestations and representations of realistic and surrealistic art, and how they helped bring about a cultural renaissance in Spain. Prerequisite: advanced proficiency, any one of SPC 306, 307, 301A, 302A.

SPC 401 (Directed Study) The Modern Spanish Novel

Major novels of Spanish writers from Generacion del '98 to the present. Prerequisite: SPC 302A or permission of instructor.

SPC 402 Spanish American Novel (Directed Study available)

Selected works by Spanish American novelists chronologically to give clear understanding of developments in the New World. Prerequisite SPC 302A or permission of instructor.

SPC 403 Modern Spanish Drama

Works of best modern playwrights from Benavente to the present. Prerequisite: SPC 302A or permission of instructor.

SPC 404 Spanish Golden Age Literature

Reading and analyzing the most representative authors of the period, with all work in Spanish. Prerequisite: SPC 302A or permission of instructor.

SPC 405 Cervantes

The life and works of Cervantes with critical analysis of Don Quixote. All work in Spanish. Prerequisite: SPC 302A or permission of instructor.

SPC 407 Spanish Women Writers

Spanish and Latin American women writers, the world they lived in and how they helped change it. Dynamics of gender, class and education. Introduction to feminist literary criticism. Taught in Spanish. Prerequisites: SPC 301A or 302A or permission of instructor.

SPC 408 New Spanish American Narrative

Understanding the social message and aesthetic innovations such as "realismo magico" in works of prominent contemporary Spanish American writers such as Lloso, Marquez and Fuentes. All work in Spanish. Prerequisites: SPC 301A or 302A or permission of instructor.

SPC 409 Spanish for Business

Oral and written skills. Cross-cultural communication between North America and Spanish speaking world. Forms, styles, usages, procedures in commercial communication. Prerequisite: SPC 302A or permission of instructor.

SPC 410 The Modern Spanish Novel

Senior Seminar for Spanish majors. Reading and discussion of selected topics.

Semester Abroad in Spain

See **International Education**.

MODERN LANGUAGE MAJOR

A major in modern languages consists of a minimum of eight courses above the elementary level in a primary language, with a Senior thesis or comprehensive exam in that language, plus four courses in a secondary language above the elementary level, as determined by the individual disciplines. The overall comprehensive exam will include the secondary language. The examining committee will consist of professors of both languages, and the proficiencies examined on the courses taken will be: understanding, speaking, reading and writing. It is strongly recommended that students include elective courses that are related to the languages pursued. A minimum of one month of residence abroad in the environment of the primary foreign language is advised.

MUSIC

The music major provides students with an understanding of the Western art music tradition and the other music traditions which have shaped it through a series of combination theory/music history courses and complementary performance courses. Consistent with the expectations of graduate programs in music, students completing a music major should be able to:

demonstrate listening, sight singing, keyboard and written theory skills at a high intermediate level

Music

- analyze and discuss musical works from a theoretical and historical perspective, both in oral presentations and in formal essays
- apply a wide variety of music research materials to their own analytic and performance projects
- demonstrate familiarity with the major genres, styles and composers associated with the music of the West, as well as familiarity with a number of music types outside the Western classical mainstream
- perform on voice or an instrument at more than an intermediate level, both from a technical and interpretive standpoint.

The five required introductory courses, ideally completed no later than the end of the Sophomore year, are MUA 145 (Tonal Theory Ia), MUA 146 (Tonal Theory Ib), MUA 221A (Introduction to Music Literature), MUA 356G (World Music), and either MUA 245 (Choral Literature and Ensemble) or MUA 246 (Instrumental Ensemble). Entry into MUA 145 assumes note reading and notation skills, the ability to recognize intervals, triads and common scale patterns by ear, as well as basic keyboard skills. These skills may be demonstrated through a placement test or successful completion of MUA 101 (Music Fundamentals). Competency on an instrument or in voice at an intermediate or higher level is a requirement for completing the major. Enrollment in MUA 442 (Applied Music) from the time a student enters the program is, therefore, highly recommended.

The four required advanced courses are MUA 341 (Renaissance and Baroque Music), MUA 342 (Classic Period Music), MUA 443 (Romantic Music), and MUA 444 (Modern Music). Students with plans to enter graduate school in any field related to music should expect to enroll in additional electives. Continued participation in either MUA 245 (Choral Literature and Ensemble) or MUA 246 (Instrumental Ensemble), as well as in MUA 442 (Applied Music), is also strongly advised, and would be expected by most graduate programs. A comprehensive examination will be administered following a period of review in the Senior year to determine competency in the academic and interpretive aspects of music. Advanced students may be invited to complete a thesis on an academic subject or in

composition in lieu of the comprehensive exam. Highly skilled performers may be invited to present a Senior recital as part of the Music at Eckerd series.

The minor in music consists of six courses as follows: four foundational academic courses: MUA 145 (Tonal Theory Ia), MUA 146 (Tonal Theory Ib), MUA 221A (Introduction to Music Literature), and either MUA 356G (World Music) or MUA 326A (American Music and

Values); at least one advanced academic course from the group MUA 341, MUA 342, MUA 443 and MUA 444; and a minimum of one performance course MUA 245 (Choral Literature and Ensemble), MUA 246 (Instrumental Ensemble) or MUA 442 (Applied Music).

MUA 101 Music Fundamentals

Reading pitches and rhythms, sight singing, basic keyboard performance. Musical patterns common in folk, popular and art music worldwide.

MUA 145 Tonal Theory Ia

Tonal harmony, part-writing skills, primary triads and inversions, non-harmonic tones, sight singing, keyboard harmony. Four semester hours of credit.

MUA 146 Tonal Theory Ib

Secondary triads, medieval modes, harmonic sequence, elementary modulation, continued part writing and analysis, ear training, sight singing, keyboard harmony. Lab component. Four semester hours of credit. Prerequisite: MUA 145 or equivalent.

MUA 221A Introduction to Music Literature

Focuses on significant composers, works, and forms, primarily from the Western art music tradition, through listening and analysis, writing and discussion, concert attendance and explorations of recorded music.

MUA 245 Choral Literature and Ensemble

Study and performance of masterworks of choral music. Concerts given both on and off campus. Smaller vocal ensembles chosen by audition from larger group. Two semesters required for one course credit. Admission by audition with instructor.

MUA 246 Instrumental Ensemble

Participation in one or more of various ensembles: classical chamber groups, a wind ensemble, a world music improvisation ensemble, or an approved off campus ensemble. Concerts given both on and off campus. Four hours of rehearsal per week for two semesters earns one course credit. Placement audition with instructor required.

MUA 266/7 Music Projects I

Opportunities for study in special topics in performance, research, and areas of study not provided for in regular semester courses, by permission of instructor.

MUA 326A American Music and Values

Application of various models of the American experience to music ranging from Native American, slave and colonial music to jazz, classical and experimental works. Freshmen with permission of instructor.

MUA 331A Topics in Music Literature

Music of a particular period, genre, or composer in terms of musical style, cultural, historical, or biographical significance. Listening and discussion, development and application of descriptive terminology and research. Specific topics published in the course schedule.

MUA 341 Renaissance and Baroque Music

Western art music between 1400 and 1750 with emphasis on dance forms, sacred choral music, madrigals and other secular forms including opera. Research into performance practice and cultural context for each supplements listening and analysis. Counterpoint and analysis lab.

MUA 342 Classic Period Music

Development of 18th century classical style through the music of Haydn, Mozart and Beethoven. Analysis lab. Prerequisites: MUA 146, MUA 221A and MUA 356G or permission of instructor.

MUA 356G World Music

Music for ritual, work and play as well as art music traditions from various cultures around the world, including those of early Europe and the Middle East. Aural and videotaped recordings from the field, readings in anthropology and aesthetics, live performances, discussion. Freshmen with permission of instructor.

MUA 361 Advanced Tonal Harmony

A continuation of MUA 146, from modulatory techniques through the chromaticism of the late 19th century. Lab component. Prerequisite: MUA 146 or permission of instructor.

MUA 366/7 Music Projects II

For advanced students who wish to pursue work on specialized topics, including composition. Permission of instructor required.

MUA 442 Applied Music

Studio instruction in voice, piano, organ, classical guitar, string, brass and woodwind instruments. One private lesson, and minimum of six hours per week individual practice plus four evening performance classes per semester. Permission of instructor required. Fee charged.

MUA 443 Romantic Music

A study of 19th century art music from late Beethoven through Schubert, Brahms, Chopin and Wagner, among others. Analysis lab. Prerequisite: MUA 146, MUA 221A and MUA 356G or permission of instructor.

MUA 444 Modern Music

Beginning with the Impressionists, Neo-classicists and serialists and continuing to aleatoric, electronic and minimalist composers of the more recent past. Analysis lab. Prerequisite: MUA 146, MUA 221A and MUA 356G or permission of instructor.

CRA 141A Introduction to the Arts

CRA 226A Music and Architecture

For descriptions see *Aesthetic Perspective*.

PERSONNEL AND GLOBAL HUMAN RESOURCE MANAGEMENT (PHRM)

A personnel and global human resource management concentration may be elected within the international business major. The PHRM concentration teaches theory and practices of personnel and global human resource management in organizations, including job definition, staffing, training and development, compensation and benefits, labor relations, environmental analysis and human resource planning and controlling. The PHRM concentration also

Personnel and Global Human Resource Management

allows students to integrate their classroom learning with related ongoing business and industry research in cooperation with the Eckerd College Human Resource Institute and the Comparative Cultures Collegium.

PHRM students are required to complete the following courses:

Freshmen and Sophomores

- Foreign Language
- Introduction to Anthropology
- Principles of Macroeconomics
- Principles of Accounting
- Cultural area course

Juniors

- Cultural Environment of International Business
- International Management
- Marketing
- Personnel and Global Human Resource Management
- Personnel Planning and Industry Research I
- Introduction to Business Finance or Investments

Summer: PHRM work experience or internship is required. Credit may be awarded through an independent study if work experience is combined with approved academic work (such as a research paper).

Seniors

- Personnel Planning and Industry Research II
- Comprehensive Exam
- Multinational Corporate Strategy
- Senior Seminar: Ethical Issues in International Business

All PHRM students must complete each required course with a grade of C or better. To progress in sequence, and to receive credit for core courses in which the student has received a grade of D or F, a petition must be submitted and approved by the PHRM coordinator.

See **International Business**.

PHILOSOPHY

Students majoring in philosophy develop with their Mentor a program of study including a minimum of eight courses, including one logic course and one ethics course; at least three courses from the History of Philosophy series (other

philosophy courses with a significant historical component may be substituted upon approval of the philosophy faculty); Contemporary Philosophical Methodology; and other upper level courses focused on the student's particular philosophical interests. In addition, philosophy majors are expected to take complementary courses in other disciplines that provide background and breadth in their program of study.

Philosophy majors are to have a working knowledge of the issues and methods covered in their required courses in logic, ethics and the history of philosophy sequence, in addition to those in their chosen upper-level area of focus. This competence and the ability to communicate it in speaking and writing is demonstrated by satisfactory completion of the courses in the philosophy major and of a Senior thesis or comprehensive examination in philosophy.

A minor in philosophy consists of five philosophy courses, to be approved by the philosophy coordinator.

PLL 101 Introduction to Philosophy

Analyze philosophical issues concerning human nature, our relationship to the world around us, and major philosophical issues of value and meaning. Study works of several great philosophers to help students develop their own views.

PLL 102M Introduction to Logic

Methods of critical and logical analysis of language and thought. Helps develop critical, analytical reasoning and linguistic precision.

PLL 103G Introduction to Eastern Philosophy (Directed Study available)

Philosophical questions on the nature of reality, society, and self in East Asian philosophy with emphasis on metaphysics and ethics.

PLL 220 Existentialism

A provocatively modern approach to many of the issues of the philosophical tradition; the existential foundations of art, religion, science and technology.

PLL 230 Philosophy of Religion

The conceptual aspects of religion: natural and supernatural, religious experience, sources of religious knowledge, faith and reason in the past and future. Offered alternate years.

PLL 240 Philosophy of Technology

Humans are the beings who reshape their environment. Is modern technology a refinement of tool-making, or something new? What has been the impact of technology on the essence of being human?

PLL 241S Ethics: Tradition and Critique

Various systems for judging good and bad, right and wrong. Definitions of the good life, ethical theories and their application to issues such as abortion, civil rights, war and peace, censorship, etc.

PLL/MNB 242 Ethics in Management: Theory and Practice

For description see **Management**.

PLL 243E Environmental Ethics

A philosophical investigation of our relationship to the natural environment, and how these considerations affect our moral obligations to other people, as well as future generations.

PLL 244 Social and Political Philosophy

Major social and political theories that have been influential in the West. Contemporary political theory examined in light of classical tradition and historical movements. Offered alternate years.

PLL 263A Aesthetics

Examine various answers to questions asked from ancient times by philosophers, artists and other thoughtful people about the nature of art, beauty, and the role of the arts and artists in society. Prerequisite: Western Heritage or permission of instructor.

PLL 310E Ideas of Nature

Ancient Greek cosmology, Renaissance view of nature, modern conception of nature. What nature is, how it can be studied, how we should relate to it. Primary approach is critical, historical analysis of primary texts.

PLL 311 Major Philosophers

An intensive study of a single major philosopher. May be taken more than once for credit with focus on different philosophers.

PLL 312 American Philosophy

Major trends and emphases in American philosophy from the colonial period to the 20th century.

Prerequisite: some background in the humanities or permission of instructor.

PLL 321 History of Philosophy: Greek and Roman

The rise of philosophy, 600 B.C. A.D. 100, with emphasis on natural philosophy. Pre-Socratics, Sophists, Stoics, Epicureans, Plato and Aristotle. Offered alternate years.

PLL 322 History of Philosophy: Medieval and Renaissance

Philosophical thought from ebb of Rome through rise of modern Europe, including developments in Jewish and/or Islamic, and Christian philosophy. Faith and reason, realism and nominalism, mysticism and rationalism, Platonism and Aristotelianism. Offered alternate years.

PLL 323 History of Philosophy: 17th 18th Century

Descartes through Kant as response to the Scientific Revolution. Comparison of rationalism and empiricism.

PLL 324 History of Philosophy: 19th Century

Kant, German Idealism, Utilitarianism, social and scientific philosophy, existentialism, Hegel, Schopenhauer, Marx, Kierkegaard, Nietzsche, others.

PLL 325 History of Science

Physical science from 600 B.C. A.D. 1700. Major discoveries and scientists, different approaches to science, the interrelationship between science and society.

PLL 331/332 Special Topics in Philosophy

Philosophical study of one or more aspects of culture, such as sport, gender, unorthodox science, sexuality, mass communication, artificial intelligence, literature and technology. May be taken more than once for credit with different topics.

PLL 342 Twentieth Century Philosophical Movements

Development of philosophical analysis and existentialism as the two main philosophical movements of the 20th century. Freshmen require permission of instructor.

Philosophy

PLL 345 Symbolic Logic

Logic as an object of study, not an inferential tool. Derivability, completeness, analyticity, categoricity and consistency. Prerequisite: PLL 102M or permission of instructor. Offered alternate years.

PLL 348 Philosophical Theology

A philosophical study of the nature of God and the relation of God and world, based on readings from early Greek philosophy to the present. Prerequisite: some background in philosophy or religion.

PLL/HIL 349 Native American Thought

This course focuses on the nature of Native American thought; explores the differing assumptions, methods, and teachings connected with the pursuit of wisdom, with special attention to metaphysics and ethics.

PLL 360 Philosophy of Science

Recent controversies on the scientific explanation between formal logical analysis and the informal, heuristic approach. Analysis of laws and theories. Examples from the history of science. Offered alternate years.

PLL 361 Contemporary Ethical Theory

Major contemporary schools of thought in moral philosophy. Prerequisite: some background in philosophy, religious studies, psychology, literature or related disciplines.

PLL 362 Contemporary Political Philosophy

Major contemporary schools of thought in political philosophy. Prerequisite: some background in philosophy, political science, history, economics, American studies or literature.

PLL 365 Philosophy of History

Does history have a meaning? Is it leading anywhere? Does history result in anything that is genuinely new? Or is it an "eternal recurrence of the same"? Especially useful for students of history, literature, religious studies, and philosophy. Prerequisite: some background in the humanities.

PLL 403 Contemporary Philosophical Methodologies

Intensive investigation of philosophical methodologies, designed to help students practice philosophy in an original manner. Emphasis on independent study. Prerequisite: one or more upper-level philosophy courses or permission of

instructor. May be taken more than once for credit in order to study different methodologies.

KSL 201S The Ancient Tradition I: Homer to Plato

KSL 202S The Ancient Tradition II: Empires and Ethics

For description see **Social Relations Perspective Courses**.

KSL 205 Plato and Aristotle's Science

Positive and negative contributions of Plato and Aristotle's physical science to medieval and modern science, and interrelationship between science, politics, and religion.

PHILOSOPHY/RELIGION

A major in philosophy/religion includes eleven courses, five in philosophy, five in religious studies, and Philosophy of Religion. The program ordinarily culminates in a Senior thesis. Required courses in philosophy are: two from PLL 101, 102M, 241S; two from PLL 321, 322, 323, 324; one other upper-level course. Required courses in religious studies are: REL 201 S; one from REL 242; and three other upper-level courses. Additional upper-level courses in each discipline are recommended, and any change in these requirements must have the approval of faculty of both disciplines.

PHYSICAL EDUCATION

PEB 121 Principles of Physical Education

Investigating physical education as a career. Minimum 20 hours in local schools in pre-internship program. Personal interview required. Open to upperclass students.

PEB 123 Fitness and Skills

Introduction to many skills, with emphasis on promoting a lifetime of physical activity through at least one skill. Vigorous exercise program for the entire year. Medical clearance required. Open to upperclass students.

PEB 321 Athletic Coaching

Social-psychological problems of coaching today, the role of sports, developing a philosophy of coaching. Sports programs from youth leagues to collegiate athletics. Teaching styles, training, sports psychology.

The following does not carry course credit:

Lifeguard Training

Use of rescue equipment, spinal injury management techniques, basic pool maintenance. Prerequisite: First Aid and CPR, ability to swim 500 yards using crawl, breaststroke, elementary backstroke, etc. Must be minimum of 15 years of age.

PHYSICS

Students who major in physics develop competency in using scientific methodology: in creating mathematical models of real-world systems, manipulating these models to obtain predictions of the system's behavior, and testing the model's predictions against the observed real-world behavior. Mechanical, electro-magnetic, thermodynamic, and atomic/molecular systems are among those with which students become familiar in the building and testing of theoretical models. Problem-solving and quantitative reasoning are among the skills which are developed.

For the B.A. DEGREE, students majoring in physics normally take the following courses: Fundamental Physics I, II, III, Electronics, Classical Mechanics, Electricity and Magnetism, Quantum Physics I, Calculus I, II, III. For the B.S. DEGREE, additional courses normally included are Quantum Physics II, Advanced Physics Laboratory, Differential Equations, and Linear Algebra, along with Senior Thesis, and Chemistry 121, 122. The Physics Seminar is required in the Junior and Senior years. Students may arrange independent or directed study courses in advanced subjects to suit their needs.

A minor in physics requires completion of five physics courses with a grade of at least C, of which at least three are numbered above PHN 242.

An example of a program of courses which would lead to a major in physics:

Freshmen

Calculus I and II
Physics I and II

Sophomores

Calculus III
Physics III
Differential Equations
Classical Mechanics

Juniors

Chemistry I and II
Electromagnetism I and II
Electronics Laboratory

Seniors

Quantum Physics I and II
Advanced Physics Laboratory

In addition, physics majors are required to enroll in the Physics Seminar during their Junior and Senior years.

PHN/CHN 209N Survey of Astronomy

For description see **Chemistry**.

PHN 214 Energy and Environment

Options available to societies in producing energy, the consequences of each choice, and the different sets of values implicit in the choices.

PHN 217N The Evolving World-View of Science

What is it that distinguishes science as an investigatory tool, and gives it such power? How does the universe as presented by modern science compare with religious and philosophical ideas? In this course we will trace the development of scientific understanding.

PHN 241 Fundamental Physics I

Linear, rotational, and oscillatory motion. Force, work, and energy. Calculus-based, with laboratory.

PHN 242 Fundamental Physics II

Thermodynamics, electricity, magnetism, and optics. Calculus-based, with laboratory.

PHN 243 Fundamental Physics III

Introduction to quantum mechanics, with elementary applications in atoms, molecules, and solids.

PHN 244 Electronics Laboratory

First principles of analog and digital electronic circuit theory, basic operation of electronic circuits, instruments, utilizing modern electronic technique and instrumentation.

PHN/MAN 251 Mathematical Methods of Physics

For description see **Mathematics**.

Physics

PHN 320 Optics

Wave motion, electromagnetic theory, photons, light and geometric optics, superposition and polarization of waves, interference and diffraction of waves, coherence theory, holography and lasers. Prerequisites: MAN 132 and PHN 242.

PHN/CHN 321 Thermodynamics

For description see **Chemistry**.

PHN 341 Classical Mechanics

Particles and rigid bodies, elastic media, waves, Lagrangian and Hamiltonian formulations of dynamics. Prerequisites: PHN 242 and MAN 234 or permission of instructor.

PHN 342 Electromagnetism

Maxwell's equations in the study of electric and magnetic fields, AC and DC circuits. Electromagnetic wave theory introduced. Prerequisites: PHN 242 and MAN 234 or permission of instructor.

PHN 343 Electricity and Magnetism II

Continuation of PHN 342. Electrodynamics, electromagnetic waves, and special relativity. Prerequisite: PHN 342 or consent of instructor. Taught in alternate years.

PHN 345 Advanced Physics Laboratory

Advanced instrumentation and analysis techniques. Develop laboratory abilities utilized in physics, especially as applied to modern optics. Two lab sessions a week. Prerequisite: PHN 241 and 242.

PHN 410 Physics Seminar

Required of all Juniors and Seniors majoring in physics. One course credit upon satisfactory completion of two year participation. Topical issues in physics.

PHN 443 Quantum Physics I

Modern quantum theory and relativity. Comparison of classical and quantum results. Prerequisite PHN 243 and permission of instructor.

PHN 444 Quantum Physics II

Three-dimensional wave equation and application to hydrogen atoms. Identical particles introduced with emphasis on low-energy scattering. Prerequisite: PHN 433 or permission of instructor.

PHN 499 Independent Research Thesis

Outstanding students majoring in physics normally are invited to engage in active research and to prepare a thesis in lieu of a Senior comprehensive exam.

POLITICAL SCIENCE

Students choosing to major in political science gain fundamental understanding of American government, how our governmental system compares with other major political systems, and how the U.S. interrelates with the rest of the world. Majors gain competence in political analysis and research skills as well as an understanding of political power, government institutions, international affairs, and political theory.

Students majoring in political science affiliate with either the Letters or Behavioral Science Collegium, depending on their individual career or research plans. Both require the completion of Introduction to American National Government and Politics, Introduction to Comparative Government, and Introduction to International Relations. Beyond the three introductory courses, all students must complete six additional non-introductory political science courses including at least one from each field within political science. All political science majors must also complete Political Science Research Methods and the political science Senior Seminar. The typical course sequence for political science majors includes the completion of three introductory courses in their first year, followed by an individually tailored set of upper-division courses.

Students with specific career or research interests not adequately covered by the discipline may substitute one course from another discipline for one upper-level political science course with prior approval of the political science faculty. Students are encouraged to explore their career or research interests through an appropriate internship. With the approval of the political science faculty, one winter term internship may fulfill a political science major requirement. One winter term project may also be accepted toward degree requirements in political science.

Students may earn a minor in political science with successful completion of POL 102S, either POB 103G or POB 104G, and any four additional

non-introductory courses spread across the political science faculty.

POL 102S Introduction to American National Government and Politics

American democratic theory, political parties, interest groups, presidential selection and functions, Congress, Supreme Court, federal bureaucracy, and several major areas of policy making conducted by the national government.

POB 103G Introduction to International Relations

National and international political relationships, origins of war, the international system, rich and poor nations and the politics of hunger, and alternate concepts to the present system.

POB 104G Introduction to Comparative Politics

Issues and analysis of the internal dynamics of modern states through examination of Britain, France, Germany, Japan, Russia and the Third World, laying the foundation for further study in comparative politics and/or international relations.

POB 200 Diplomacy and International Relations

Diplomatic protocol and practices within the United Nations. The United Nations and the post Cold War period: role of international diplomacy in war, peace, and the evolution of peace-keeping, international economic issues of trade and development, dilemmas resulting from global environmental interdependence and sustainability. Interested students of any major are encouraged to enroll.

POL 202 Public Policy-Making in America

Introduction to the general policy-making process. Formulation of new policies and programs, implementation, evaluation of federal programs. Policy areas such as unemployment and environment.

POB 211G Inter-American Relations

Historical examination of continuities and changes in U.S. policy toward Latin America from Monroe Doctrine to present in Central America, from a range of ideological and scholarly perspectives. Prerequisite: one introductory level political science course or Latin American Area Studies recommended, or permission of instructor.

POB 212 U.S. Foreign Policy

History of U.S. diplomacy and foreign policy. Complex global issues (economic, political, strategic) faced by policy makers and citizens alike. Policies and alternatives that the U.S. faces today. Prerequisite: one introductory level political science course recommended.

POB 221 Politics of Revolution and Development

Causes and nature of political violence and revolution as related to human behavior theory. Theories on causes of revolution, concepts of liberation, consequences and responsibilities of interstate relations during times of crisis. Recommended POL 102S and either POB 103G or 104G.

POB 222S Political Ideologies

The role, function and origin of ideology in politics. Comparative political ideologies such as Fascism, Nazism, Anarchism, Socialism, Communism, Corporatism, Capitalism/Liberalism, domestic and international forms of terrorism.

POB 231G Politics: East Asian Nations

Political cultures and governments of Japan, China (both Peoples Republic and Taiwan), and Korea (both north and south). Recommended: one introductory political science course.

POB 241 International Political Economy

Four areas of world economic activity: trade, investment, aid and debt, and how changes in each over post WWII period influence development choices for the Third World. Prerequisite: POB 103G.

POB 242 The Politics of Defense: Economics and Power

History, institutions, and operation of the defense economy in the U.S. Conflicting theories and perspectives on the defense budget, military contracting, the defense industry, and economic rationales for U.S. foreign and military policy. Different possible foreign and military policies in the post-Cold War era and their effects on U.S. economy.

POB 243 Human Rights and International Law

Current international human rights issues, including political, economic, social and cultural. Role of the United Nations and other international organizations in forming and implementing

human rights standards. Topics include women's rights, protection of minorities, and rights to economic subsistence.

POB 251 The Media and Foreign Policy

Examines the interplay between foreign policy and the media. Draws on historic foreign policy case studies to study current foreign policy material and decisions. Uses communication theory, critical analysis of media coverage, and media technology. Read classic and contemporary texts, group presentations. Prior course in international relations and comfort with medial technology recommended.

POB 260M Political Science Research Methods

Science and methods, advantages and limitations to empirical research. Data gathering and analysis. Prerequisite: Sophomore standing and one of the following: ESN 172, HDA 101S, or one political science course.

POL 301 The Constitution and Government Power

Constitutional power bases of judicial, executive and legislative branches of national government, analysis of major constitutional issues, of federalism and powers of the states, Supreme Court decisions. One lower-division political science course recommended.

POL 302 The Constitution and Individual Rights

Examining those portions of the Constitution dealing with relations between the individual and the government (the Bill of Rights, due process, equal protection, privileges and immunities, etc.). POL 301 is not prerequisite. One lower-division political science course recommended.

POL 303 The American Presidency

The Presidency as a political and constitutional office, its growth and development from Washington to the present. One lower-division political science course recommended.

POL 304 U.S. Congress

The U.S. legislative process with major attention to the Senate and House of Representatives. Roles of lawmakers, legislative behavior, and representative government in theory and fact. One lower-division political science course recommended.

POL 305 Political Parties and Interest Groups

Party organization and functions at national, state and county levels, and other institutions and activities competing for party functions. One lower division political science course recommended.

POB 310 Politics of Underdevelopment

An introduction to the politics of underdevelopment in Asia, Africa and Latin America, focusing on the causes and consequences of poverty.

POB 311 Latin American Politics

Historical overview of Latin American political development from the Spanish conquest to 20th century, comparison of political systems and people, and future prospects. Prerequisite: POL 102S and POL 103G or 104G or permission of instructor.

POB 314 International Organization

International organizations (IO's) in the contemporary international system. United Nations, European Community, other regional organizations and integration schemes, and international regimes. Prerequisite: POB 103G and one other political science course, or permission of instructor.

POB 315 International Relations: Theories of War and Peace

Problems and origins of conflict among sovereign states in the contemporary world. Origins of war and cold war. Modern characteristics of international politics. Prerequisites: POB 103G and one other political science course, or permission of instructor.

POB 316 Women and Politics Worldwide

Historical and contemporary relationship of women to politics. Evolution of the women's movement and participation of women in politics. Impact of women's movement at the global level. Prerequisite: one political science or women and gender studies course, or permission of instructor.

POB 317 Politics and Process of U.S. Foreign Policy

A foreign policy decision-making course based on case studies of specific foreign and defense problems encountered by the U.S. Government. Prerequisite: two lower division political science courses, junior standing or permission of instructor.

POB 321S Comparative European Politics

Parties, interest groups, political movements, major institutions of government, as well as culture, history and contemporary political problems. POB 104G recommended or instructor's permission.

POB 322 Authoritarian Political Systems

Structure and emergence of 20th century authoritarian regimes, including Fascism, corporatism, military governments, one-party Communist states and personalist dictatorships. A previous political science course is recommended.

POB 323 Seminar in Democratic Theory

Philosophical roots of democratic theory, theoretical requisites of a democratic system, practical political economic implications, examined as citizens of both the U.S. and the world. Prerequisite: Sophomore standing or above.

POB 324 East European Politics

Evolution of Marxist theory in a variety of political systems: U.S.S.R, People's Republic of China, Afro-Marxist regimes, non-ruling communist parties of Western Europe. Highly recommended that students have had either POB 103G, 104G, 321, HIC 244A or PLL 344.

POB 325 Environmental Politics and Policies

Analysis of politics and policy relevant to environmental issues, the complexity of environmental problems and prospects of political solutions. Designed for majors in environmental studies and political science. Prerequisite: Sophomore standing or above.

POB 333 Government and Politics of Japan

Historical, theoretical and comparative aspects of the political institutions, dynamics and culture of Japan. Political changes between the Meiji Restoration (1868) and the end of the Pacific War (1945) and domestic and international politics following World War II. Prerequisite: one lower division political science course.

POB 335 Government and Politics of China

Twentieth century China, political culture, struggle for modernization and democratization, integration into the world. Chinese cultural heritage, institutions, state-society relations. Evaluation on participation, book review, paper, exams.

POB 336 China, Japan and the United States

Evolution of China and Japan from traditional societies to modern states. Relations among the three nations; economic policies of China and Japan; cultural traditions of China and Japan. Prerequisite: Sophomore standing or higher, or permission of instructor.

POB 341 Ethics and International Relations

Political realism and natural law, military intervention and the use of force, human rights and humanitarian assistance, and the moral responsibilities of leaders and citizens. Prerequisite: Introduction to International Relations.

POB 342 Hunger, Plenty, and Justice

Past, present, and future world food supply, social factors that determine food production and distribution. Political, economic, religious, gender, historical, geographic, other dimensions of hunger. Effect of government policies, technological change, international trading patterns, private interests and gender bias.

POB 343 International Environmental Law

War prevention, economic development, environmental protection and the evolution of international environmental law. Challenging and innovative legal ideas. U.S. foreign policy. Specific international incidents investigated to determine relevance of international law to decision-making process.

POL 350 (Directed Study) Florida Politics

State and local government in U.S., overview of Southern politics, problems and issues of Florida rapid growth, race relations, environment, voter dealignment, party realignment, elections, regional issues.

POB 351 Politics and Process of U.S. Foreign Policy

Study of U.S. foreign policy decision-making process through case studies. Look at key variables in public policy management: personalities, group dynamics, outside influences, constitutional issues. Simulations and role playing of actual foreign policy process in U.S. Prerequisite: two Political Science courses and junior standing or higher.

POB 410 The U.S. and the Vietnam Experience

Senior Seminar for political science majors. History of U.S. involvement in Southeast Asia and impact of the Vietnam experience on U.S. policy-making in the 1980s. Causes of war, international mechanisms for conflict resolution, comparative development strategies and Third World political systems. Prerequisite: Senior standing or permission of instructor.

POB 421 Comparative Judicial Politics

Judicial politics across political systems. Relationship among law, society and public policy in European, socialist and non-Western systems. The inner workings, view of justice, and social/cultural development of other civil societies. Prerequisite: Junior or Senior standing.

POL 450 (Directed Study) The Supreme Court in American Politics

Internal operations of the U.S. Supreme Court, judicial decision-making and behavior, jurisdiction, structure of court system, Supreme Court's role in adjudication of civil rights and liberties.

POI 301S Introduction to Contemporary British Politics

For description see **International Education, London**.

KSB 201S Power, Authority and Virtue

For description see **Social Relations Perspective Courses**.

PSYCHOLOGY

Students majoring in psychology have the option of completing either a Bachelor of Arts (B.A.) or Bachelor of Science (B.S.) degree.

Students in the B.A. degree program acquire a knowledge of the theoretical approaches, research methodologies, research findings, and practical applications of the many sub-fields within the science and profession of contemporary psychology. Working closely with their Mentors, students build on this foundation by developing an individualized area of courses in a particular specialty which will augment their liberal arts psychology background. These students acquire the ability to

- critique new research findings in psychology.
- present research findings and theoretical systems in oral and written formats.
- apply theory to real-world problems.
- evaluate contemporary controversies in the field of psychology.

Students in the B.S. degree program acquire the same core foundation as described in the B.A. program and build on this foundation with a set of experiences in which they acquire the following specific research skills

- critically reviewing and synthesizing diverse bodies of research literature.
- designing and conducting original research projects.
- using SPSSx to analyze research data.
- using microcomputer-based graphics packages to prepare professional quality figures and graphics.
- preparing publication quality research reports in APA format.

Those electing to earn the B.A. degree complete the following:

Introduction to Psychology, Human Learning and Cognition, Psychology of Childhood and Adolescence, Psychology Research Methods I, II, Personality Theory and Research, Biopsychology, Abnormal Psychology, and Social Psychology.

Those electing to earn the B.S. degree complete all of the B.A. courses plus the following:

Research Skills, Psychological Tests and Measurements, and either Advanced Personality Research or Advanced Social Research, and History and System of Psychology.

The required courses are arranged in a hierarchical and developmental sequence in order to avoid redundancy and achieve a high level of training during the undergraduate years. This sequence is listed on a checklist which the student will use with the Mentor to plan each semester's classes. While providing a basic structure to the degree planning, the sequence includes adequate flexibility for students wishing to participate in the International Education program and those who also pursue a second major.

A minor in psychology must include Introduction to Psychology, Experimental Psychology, Psychology of Childhood and Adolescence, Human Learning and Cognition, Abnormal Psychology, and either Personality Theory and Research or Social Psychology.

All courses required for the major or minor must be passed with a grade of C or better.

PSB 101S Introduction to Psychology

Psychological processes, behavior, empirical methods, statistical concepts, biopsychology, learning, memory, cognition, motivation, human development, personality, abnormal behavior, social processes, values issues in research and intervention in human lives.

PSB 202 Psychology of Childhood and Adolescence

Integrative approach to physical/behavioral, cognitive/intellectual, social/emotional development from conception to the end of adolescence. Prerequisite: PSB 101S.

PSB 203 Psychology of Adulthood and Aging

Personality, perceptual, physiological, intellectual and social changes beyond adolescence. Prerequisite: PSB 101S.

PSB 205 Human Learning and Cognition

Principles of human learning, thinking, creativity, formal reasoning, information processing, problem solving and memory. Prerequisites: PSB 101S.

PSB 208 Child Psychology

Theory and research on disorders of childhood and adolescence, including etiology, diagnosis, associated conditions and treatment. Prerequisites: PSB 101 or HDA 101.

PSB 221 Research Skills in Psychology

Primarily for students pursuing the B.S. degree in psychology. Acquire skills in designing, executing, analyzing and reporting correlational and experimental research. Prerequisite: PSB 201 and PSB 260/1M.

PSB 234 Health Psychology

Role of psychological/behavioral factors in the etiology and prevention of illness. Strong emphasis on primary prevention of chronic disease through behavior modification. Prerequisite: PSB 201S or HDA 101S.

PSB 260/261M Statistics and Research Design I, II

Two-semester course integrates basic descriptive and inferential statistics with principles of research design. Statistical theory and procedures introduced as logical components of the larger process of designing, conducting, and evaluating valid scientific research. Prerequisite: Sophomore standing or permission of instructor.

PSB 302 Social Psychology

The study of the individual in a social environment, group influence, past and present concepts and research. Experimental approach to understanding social forces which affect individuals. Prerequisites: PSB 101S and PSB 260/1M.

PSB 303 (Directed Study) Industrial-Organizational Psychology

Theories of motivation, psychological testing for personnel selection and performance evaluation, models of stress and organizational interventions, group dynamics, psychological theories of organizations and leadership. Prerequisite: PSB 101S or permission of instructor.

PSB 306 Personality Theory and Research

Advanced course for psychology majors in the study of classical and contemporary approaches to personality. Prerequisites: PSB 201.

PSB 307 Psychological Tests and Measurement

Reliability, validity, psychological and measurement assumptions underlying interviews, self-report inventories, aptitude tests; major instruments and their uses; ethical issues in testing. Prerequisite: PSB 221 (or may be taken concurrently).

PSB 308 Abnormal Psychology

Behavior and states of consciousness judged by society to be abnormal, deviant or unacceptable, using such models for understanding as the psychoanalytic, medical, behavioristic and humanistic-existential. Prerequisites: PSB 101S or HDA 101S and Junior or Senior standing, or permission of instructor.

PSB 309 Biopsychology

The application of neurological and neurophysical principles to understanding such phenomena as consciousness, instinct, motivation, learning, thought, language, memory, emotion. Appropriate

Psychology

for Juniors and Seniors with backgrounds in psychology or natural sciences. Prerequisite: PSB 101S.

PSB 322 Advanced Social Research

For B.S. track students. Acquire experience in conducting research with an emphasis on techniques (archival research, survey methodology) not stressed in the experimental psychology sequence. Prerequisites: PSB 221 and 302.

PSB 326 Advanced Personality Research

For B.S. track students. Acquire experience in conducting research, stressing content and methodology. Fine points of cutting edge investigations of personality issues. Prerequisite: PSB 221 and 306.

PSB 328 Advanced Clinical Research

For B.S. track students. Experience in research and topics related to psychopathology and/or clinical psychology. Prepares students for graduate work in psychology. Prerequisites: PSB 221 and 308.

PSB 344/444 Internship in Psychology

Work approximately 10 - 12 hours a week under supervision of local community professional. Prerequisite: Junior or Senior standing, psychology major, and permission of instructor. May be repeated for credit.

PSB 345S Psychology of Male/Female Relationships

Focus on analytical and applied understanding of the challenges of intimate male/female relationships. Topics include gender socialization, expectations, interpersonal attraction.

PSI 350 (Directed Study) Youth Experience in a Changing Great Britain

For description see **International Education, London Offerings**.

PSB 402 Research Seminar in Psychology

Designed for students to do original research. Prerequisites: PSB 101S, PSB 260/1M, PSB 201 and permission of instructor.

PSB 410 History and Systems

Senior Seminar for psychology majors. A synthetic overview of the history and major theoretical systems of modern psychology. Prerequisites: Senior standing and major preparation in psychology.

PSB 499 Independent Research Thesis

Psychology majors may elect to devise an independent study project with one of the faculty. Directed research leading to a Senior thesis is available by invitation of the faculty only.

QUEST FOR MEANING

QFM 410 The Quest for Meaning

(Directed Study by petition only for Seniors)

Through readings and class discussions, plenary sessions, self-reflective writing, and sustained engagement in an off-campus community service project, this course provides opportunity in the senior year for students to reflect--in a serious and sustained manner--on their college education thus far and on the direction of their lives after graduation. Students will encounter Jewish, Christian, and other religious perspectives embodied in individuals who have found in these perspectives valuable sources for facing ultimate questions of life.

RELIGION/PHILOSOPHY

See **Philosophy/Religion**.

RELIGIOUS STUDIES

Students majoring in religious studies should have developed the following competencies by the time they graduate:

- familiarity with the principal concerns and methods of the field of religious studies.
- knowledge of a chosen focal area that allows the student to converse with ease on subjects related to the area and make appropriate judgments based on critical study.
- capacity to make effective use of appropriate historical, literary, and critical tools for the study of religious texts and traditions.
- evidence of integrative self-reflection showing that the student is engaged in a serious effort to synthesize new information and insight into a personally meaningful world view.

Students majoring in religious studies must take the basic course, Introduction to Religious Studies (REL 201S), and at least two courses from each of the following areas: Biblical studies (including REL 242A); historical and theological studies (including REL 241); non-Western religions (including REL 240G); and two additional religious studies courses of the student's choice. At least four of the courses beyond the introductory course must be 300-level or above. Directed and independent study courses may be taken toward fulfillment of this major.

In addition to the successful completion of courses just described, students will normally be expected to fulfill a senior comprehensive exam, consisting of three written exams, a scholarly paper in a focal area of the student's choice, and an oral exam. Exceptional students may be invited to do a senior thesis rather than the comprehensive exam.

For a minor in religious studies a student will normally take REL 201S plus four courses in the discipline, subject to the approval of the discipline faculty.

An interdisciplinary concentration in Religious Education is also available. This concentration, under the supervision of a three-member interdisciplinary faculty committee, requires the completion of at least nine courses, including two in Biblical studies (one of which should be REL 242) and two in theological and historical studies (including REL 241). The remaining five courses are selected from the area of psychology and counseling studies. This concentration should appeal especially to students contemplating professional careers with church and synagogue, and to students who wish to work as lay people in religious institutions.

REL 201S Introduction to Religious Studies

Religious experience and ideas as they are expressed in such cultural forms as community, ritual, myth, doctrine, ethics, scripture and art, synthesizing personal religious ideas and values.

REL 206S Sisters of Eve: The Bible, Gender, and Sexual Politics

Relations between biblical literature and issues of sexual difference, gender socialization, misogyny, and the question of origins of patriarchy.

REL 210S Introduction to Christian Ethics (Directed Study available)

Some major figures in the history of Christian ethics, with most emphasis on contemporary approaches. Introduction to some of the most important issues and methods.

REL 221S Religion in America (Directed Study available)

The beliefs, behavior and institutions of religion in American life. The uniqueness of the American religious experience and its impact on American institutional patterns.

REL 230G Yogis, Mystics, and Shamans

Texts on sacred power, the specific techniques by which it is developed, and study of contemporary practices that are based on archaic models. REL 240G recommended but not required.

REL 234 The Goddess in Eastern Traditions

Regional goddesses in India, China, and Japan. The relationship between women and the divine feminine principle within the context of Asian cultures compared with contemporary western expressions of Goddess culture. REL 240G recommended but not required.

REL 240G Non-Western Religions

Religions of India, China, and Japan, as well as archaic traditions of Central Asia and the Americas. Essential teachings, rituals, and social organization.

REL 241 History of Christianity

Beliefs, practices and institutions of the Christian Church through the past nineteen centuries. The great theological debates, significant issues, and formative thinkers.

REL 242A Dead Prophets Society: Introduction to Biblical Literature

Emphasis on literary craft of biblical literature, and relations between it and the arts throughout history, especially in contemporary culture.

REL 244 Judaism, Christianity, and Islam

Major religions of Middle East, Judaism, Christianity, Islam. Historical development, literature and contributions to the West. The Bible and Koran.

REL 271 Fire in the Mind: Science and Religion

Origins of science in context of Judaeo-Christian tradition, conflicts between science and religion, similarities and differences in the goals and methods of science and theology, significance of their relationship for some important contemporary issues.

REL 272A Creativity and the Sacred

Exploration of connections between the visual and literary arts and the sacred. Students will examine the significant interconnections of art and the sacred by analyzing forms, styles, symbolism, themes, and narrative structures.

REL 305 Biblical Exegesis

Close reading of a particular section of the Bible, its socio-historical background, literary, theological, philological, grammatical and rhetorical characteristics. Prerequisite: REL 242A or consent of instructor.

REL 319G The Hindu Tradition

Yoga, meditation, karma, reincarnation, major devotional and ceremonial traditions that have developed around Shiva, Vishnu, and the Goddess. The dynamic between popular worship and the contemplative traditions of Hindu culture. REL 240G recommended but not required.

REL 320 The Buddhist Tradition

Gautama's enlightenment, the Noble Eight-fold Path, development of Buddhist ideas and practices as they spread from India to South and East Asia.

REL 329 Liberation Theology

The growth of Latin American, black, feminist, and European political liberation theologies from earlier forms of theology, their development and contribution to the wider theology, and responses to them.

REL 330 Human Nature and Destiny: A Theological Inquiry

Study a major theme associated with Christian understandings of the nature of human life, the relationship between the individual and society, historicity, purposive of human life, relationship between humans and nature.

REL 350E Ecology, Chaos, and the Sacred

Examine a persistent theme throughout biblical and ancient Near Eastern tradition: the struggle of ecological order against the inbreaking of chaos. How is the one maintained against the other? Is "reality" chaos or order? How does one's worldview (ancient or modern) affect one's understanding of ecology, chaos, and the sacred?

REL 354 Archaeology of Palestine

Explore recent trends, focusing on the early history of Israel and Judah as an access to the larger field. Possible opportunities for summer field work.

REL 361 From Existentialism to Postmodernism

In-depth survey of the major Christian thinkers of the 20th century.

REL 371 Religions of China and Japan

Taoism and Confucianism in China, Shinto in Japan and the imported tradition of Buddhism and its regional developments in various schools; the syncretistic character of East Asian religiosity. REL 240G recommended but not required.

REL 381E Ecotheology

The major dimensions of the current ecological crisis and its roots in Western tradition, how Judaeo-Christian thought has traditionally regarded nature and its relationship to God and humans, and implications for action.

REL/ESL 382 Nature and the Sacred: Religion and Ecology

Examination of the ways in which religions shape human understandings and treatment of the natural environment, with an emphasis on non-Western religions. Gain a greater knowledge and understanding of how a number of religious traditions view nature, of the role of religion in human interactions with the environment, and of the resources in many religious traditions to help address our environmental problems.

REL 383 Hindu Mystical Poetry

Representative works from the classical, medieval, and contemporary periods, different genres and regional philosophies represented by various poets.

REL 401 Internship in Religious Education

Supervised, field-based experience in church work, with a minimum of 150 hours on-site experience. Permission of instructor required.

REL 440 Strange Fire: God and the Book

A way into "biblical theology," which focuses on questions about sacred writing and god-talk (theology). Survey past thinking, explore new directions.

REL 443 Seminar on the Hindu Tantra

Discussion of meditative techniques and visualizations, mantra recitations, mystic diagrams, yogic practice, worship of the Goddess, the sacred origin of sound and language, and the nature of supreme consciousness. Prerequisite: Permission of the instructor.

REL 449 Religion and Imagination

Philosophical and theological treatments of imagination in religion and in all of life, their implications for religion, faith and the role of intellectual reflection in religion. Focus on Christianity, but principles have broader implications. Prerequisite: consent of instructor.

RESIDENT ADVISER

CRA 305 Resident Adviser Internship

A year-long course for Resident Advisers at Eckerd College, beginning in autumn term. Communication, paraprofessional counseling, crisis intervention, conflict resolution, leadership training.

R.O.T.C.

AIR FORCE R.O.T.C.

The following courses are available at the University of South Florida:

General Military Course (GMC)

Freshmen

AFR 1101 The Air Force Today: Organization and Doctrine

AFR 1120 The Air Force Today: Structure and Roles

Sophomore

AFR 2130 US Air Power: Ascension to Prominence

AFR 2140 US Air Power: Key to Deterrence

Professional Officer Courses (POC)

Juniors

AFR 3220 Air Force Leadership and Management I

AFR 3231 Air Force Leadership and Management II

Seniors

AFR 4201 National Security Forces in Contemporary American Society I

AFR 3211 National Security Forces in Contemporary American Society II

Eckerd College will award one Eckerd College course for the first two years (equivalent to four semester hours) and three course credits (equivalent to twelve semester hours) for the successful completion of the final two years.

ARMY R.O.T.C.

Freshmen

MLR 100 Fundamental of Leadership Development (2 semesters)

Sophomore

MLR 200 Military Leadership I (2 semesters)

Juniors

MLR 300 Military Leadership II (2 semesters)

Seniors

MLR 400 Military Leadership III (2 semesters)

Eckerd College will award one Eckerd College course credit (equivalent to four semester hours) for each course completed for two semesters for a total of four course credits (equivalent to sixteen semester hours) for the complete four year program

RUSSIAN STUDIES

The major in Russian studies integrates the study of the Russian language with Russian history, literature and contemporary Russian reality. Students who complete the Russian studies major demonstrate the following competencies:

- knowledge of the Russian language including an understanding of its grammatical structure and the acquisition of basic vocabulary.

Russian Studies

- understanding of Russian history from its roots in Kievan Russia to the dramatic events of the 1990s.
- knowledge of Russian writers and the great works of Russian literature of the nineteenth and twentieth centuries.
- understanding of contemporary Russian and former Soviet political and social structures, cultural patterns, and relationships with the outside world as they relate to the present, and the probable future path of Russian development.

Students must complete at least two years of college level Russian, and finish five courses dealing specifically with Russia, including two in Russian history and two in Russian literature. Each student must also choose a field of specialization within Russian studies (usually language, literature, history, political science or international business) consisting of at least four courses in addition to those listed above. When appropriate, these courses may be independent or directed studies, and/or thesis preparation. All students have an oral examination covering their entire program, in addition to the comprehensive exam in the field of specialization or a thesis.

Students interested in the major should begin immediately with the study of the Russian language at the appropriate level. The entry level course to the major is Russia: Perestroika to Present or Cultural History of Russia.

Requirements for the minor in Russian studies include one year of Russian language and any four courses in Russian studies.

RUC 101/2 Elementary Russian

Intensive drill in understanding, speaking, reading and writing grammatical and conversational patterns of modern Russian.

RUC 201/2 Intermediate Russian

Review and completion of basic Russian grammar, and continued work on conversational skills. Prerequisite: RUC 101/2 or its equivalent.

RUC/LIC 232A Russian Classics in Translation

Representative works of 19th century Russian writers such as Pushkin, Lermontov, Turgenev, Tolstoy, and Dostoevsky. Offered alternate years.

RUC/LIC 234 Twentieth Century Russian Literature

Literary and political factors in the development of Russian literature since the Russian Revolution of 1917.

RUC 282G Russian Society through Cinema

Russian life and society as presented through the cinema. Special emphasis on how film makers portrayed social realities during the period of "cultural perestroika" in the former Soviet Union and post-communist Russia.

RUC/HIC 283G Russia: Perestroika to Present For description see **History**.

RUC 301 Introduction to Russian Literature and Culture(taught in Russian)

Russian cultural heritage including a survey of Russian literature from Pushkin to the present. Prerequisite: two years of college Russian. Offered alternate years.

RUC 302 Daily Life in Russian Society (taught in Russian)

Family, education, youth organizations, economic pursuits, mass media, leisure activities, etc. Prerequisite: two years of college Russian. Offered alternate years.

SCIENTIFIC PERSPECTIVE COURSES

Scientific perspective courses provide an appreciation for both the strengths and limitations of science and address scientific issues that influence student's lives. Through active participation, students will encounter the methodological approaches used in science, focusing on the interplay between observation, experimentation, and the continuous development of theoretical models.

CHN/PHN 209N Survey of Astronomy For description see **Chemistry**.

NAN 113N Earth History

Geological and biological earth history beginning with our understanding of the evolution of the solar system through the advent of human history. Geologic time, biologic evolution, plate tectonics, and how they relate to the earth history time-line.

NAN 272N Interdisciplinary Science

Explore a modern scientific world view from mathematical, biological, chemical, and physical perspectives. Human roles and responsibilities within nature and the natural environment. Investigate interactions between science and society.

PHN 217N The Evolving World-View of Science

What is it that distinguishes science as an investigatory tool; how does the universe as presented by modern science compare with religious and philosophical ideas? Trace the development of scientific understanding.

SEA SEMESTER

An opportunity for qualified students to earn a semester of credit in an academic, scientific and practical experience leading to a realistic understanding of the sea, sponsored by the Sea Education Association, Inc. (S.E.A.).

Students spend the first half of the semester (the six-week shore component) in Woods Hole, Massachusetts, receiving instruction in oceanography, nautical science and maritime studies. They then go to sea for the second half of the semester (the six-week sea component) for a practical laboratory experience. The program may be begun at several times during the academic year. Eckerd College tuition and scholarship aid often can be applied toward the cost of Sea Semester and additional aid may be available from S.E.A. For more information, contact the Office of International Education and Off Campus Programs or Prof. John Ferguson.

Block credit for four courses is awarded for the successful completion of the five topics listed below. Students from any major may apply and this satisfies the Environmental Perspective requirement. Sea Education Association, Inc. (S.E.A.) offers a shorter summer program for three course block credit. Students interested in the summer program must apply directly to S.E.A.

SMN 301 Oceanography

Survey of the characteristics and processes of the global ocean. Prerequisite: one semester of a college laboratory course in a physical or biological science or its equivalent.

SMN 302 Maritime Studies

A multidisciplinary study of the history, literature and art of our maritime heritage, and the political and economic problems of contemporary maritime affairs.

SMN 303 Nautical Science

Navigation, naval architecture, ship construction, marine engineering systems and the physics of sail.

SMN 304 Practical Oceanography I (Basic)

Shore component. Introduction to the tools and techniques of the practicing oceanographer.

SMN 305 Practical Oceanography II (Advanced)

Sea component. Individually designed research project; operation of the vessel.

SENIOR SEMINARS

Capstone Senior seminars are offered within the collegium or discipline of the student's major, focusing on the search for solutions to important issues that students are likely to confront during their lifetimes. These seminars, required for Seniors at the discretion of the discipline, may be considered as part of the student's major.

BEHAVIORAL SCIENCE COLLEGIUM

ECB 410 The History of Economic Thought

For description see **Economics**.

MNB 410 Issues in Management

For description see **Management**.

POB 410 The U.S. and the Vietnam Experience

For description see **Political Science**.

PSB 410 History and Systems

For description see **Psychology**.

CREATIVE ARTS collegium

ARA 410 Visual Arts Senior Seminar

For description see **Art**.

HDA 410 Human Development Senior Seminar

For description see **Human Development**.

COMPARATIVE CULTURES COLLEGIUM

ANC 410 Anthropological Theory

For description see **Anthropology**.

FRC 410 Senior Seminar in French Studies

Senior Seminars

For description see **Modern Languages, French**.

IBC 410 Ethical Issues in International Business

For description see **International Business**.

SPC 410 Spanish American Novel

For description see **Modern Languages and Literature, Spanish**.

LETTERS COLLEGIUM

LTL 410 Letters Senior Seminar

Examination from an interdisciplinary point of view of the intellectual, political, cultural and social changes in this century, and of the attempts to formulate new paradigms of knowledge.

WGL 410 Research Seminar: Women and Gender

For description see **Women's and Gender Studies**.

NATURAL SCIENCES COLLEGIUM

BIN 410 Biology Senior Seminar

For description see **Biology**.

CHN 410 Chemistry Senior Seminar

For description see **Chemistry**.

CSN 410 Computer Science Senior Seminar

For description see **Computer Science**.

MSN 410 Marine Science Senior Seminar

For description see **Marine Science**.

MAN 410 Mathematics Senior Seminar

For description see **Mathematics**.

PHN 410 Physics Senior Seminar

For description see **Physics**.

SOCIAL RELATIONS PERSPECTIVE COURSES

Social Relations perspective courses provide an analytical perspective on some aspect of human social behavior, helping the student better to understand human interaction and to function more effectively as a citizen. This perspective should address both analytical and ethical issues in the exploration of human social interaction.

AML 306S American Myths, American Values

AML 307S Rebels with a Cause: Radicals, Reactionaries and Reformers

AML 308S Becoming Visible: Sex, Gender and American Culture

For descriptions see **American Studies**.

BEB 300S Dialogues

Select a historical character who contributed to the ongoing dialogue on great issues of humanity and role play that character with other students representing other significant historical figures, discussing specific issues.

BEB 368S Utopias

Study, discuss and explore value implications of utopian systems, form task groups to design components of utopian systems, and write statement laying philosophical foundation for a personal concept of utopia.

ECB 281S Principles of Microeconomics

ECB 282S Principles of Macroeconomics

For descriptions see **Economics**.

ECI 300S Economic and Social Impact

For description see **International Education**.

HDA 101S Introduction to Human Development

HDA 383S Development of Human Consciousness

For descriptions see **Human Development**.

HIC 344S The History of Two St. Petersburg

HIL 203S Europe in Transition

HIL 324S Native American History

HIL 336S Civil Rights Movement

HIL 338S The Harlem Renaissance

For descriptions see **History**.

KSB 201S Power, Authority and Virtue

Examine the relationship between virtue, power, and authority through study of some great philosophical texts which have informed this inquiry in modern civilization.

KSL 201S The Ancient Tradition I: Homer to Plato

Classical Greek paideia (culture/education) through great texts of the era, to see what can be learned from them about the things that matter most of all today. Hesiod, Aeschylus, Euripides, Hippocrates, Thucydides, Plato, Aristophanes.

**KSL 202S The Ancient Tradition II:
Empires and Ethics**

Great literary, historical, scientific and philosophical texts of later classical and Hellenistic Greece to the late Roman Empire, studied for insights and understanding about things that matter today.

LTL 300S American Ideals and the Courts

Leading documents in American history alongside important court decisions from the Mayflower Compact and the Constitution to the writings of chief justices and many others who make the American story. Emphasis of recent decisions of the U.S. Supreme Court to illuminate opposing values of the judges.

PLL 241S Ethics: Tradition and Critique

For descriptions see **Philosophy**.

POB 222S Political Ideologies

POB 321S Comparative European Politics

For description see **Political Science**.

POI 2/301S Introduction to Contemporary British Politics

For description see **International Education, London Offerings**.

POL 102S Introduction to American National Government and Politics

For description see **Political Science**.

PSB 101S Introduction to Psychology

PSB 345S Psychology of Male/Female Relationships

For descriptions see **Psychology**.

REL 201S Introduction to Religious Studies

REL 206S Sisters of Eve: The Bible, Gender and Sexual Politics

REL 210S Introduction to Christian Ethics

REL 221S Religion in America

For descriptions see **Religious Studies**.

SLB 101S Introduction to Sociology

For description see **Sociology**.

WGL 201S Introduction to Women's and Gender Studies

WGL 221S Black Women in America

For description see **Women's and Gender Studies**.

SOCIOLOGY

Sociology concerns the application of scientific methodologies to the study of diverse aspects of human conduct. Theories of human behavior are tested and developed through the collection and analysis of empirical evidence. The discipline strives to provide students with perspectives and methods that may be applied to understanding a broad range of social phenomena.

Knowledge and skills expected of sociology students

- Sociology students learn critical thinking skills including the ability to challenge common assumptions, formulate questions, evaluate evidence, and reach reasoned conclusions.
- Critical thinking skills are developed from a foundation of sociological theory. Students acquire knowledge of traditional and emergent sociological perspectives that may be applied to understanding the various dimensions of social life.
- Methodological competency is necessary to the development and application of critical thinking. Students acquire qualitative and quantitative research skills which allow an appreciation of sociological research, and facilitate the critique of evidence underlying many issues of public debate.
- The sociology discipline is committed to the active engagement of student learning. Many courses provide opportunities for research projects and experiential learning assignments that extend learning beyond the classroom to the real world laboratory of social life.
- Sociology students develop writing and speaking skills needed to present ideas and research efforts in a cogent and scholarly form. Clear, organized presentation of ideas and research is requisite to sociological training. Consequently, every effort is made

to help students improve their oral and written communication skills.

- Sociology provides an appreciation of cultural and social diversity. Students learn to recognize and comprehend global and national diversity of social life, and thus locate personal values and self-identity within the context of our complex and changing social world.

Students of sociology are required to complete a core of five course requirements with a minimum of C grade in each course. **SLB 101S Introduction to Sociology** provides the foundation of theoretical perspectives, research methods, and substantive areas of investigation that are shared across the discipline. **SLB 310 Social Stratification** and **SLB 160M Statistical Methods** instructs students in the techniques of quantitative data analysis. In **SLB 260 Qualitative Methods** and **SLB 360 Research Design**, students develop an advanced understanding of research methodologies that includes application to real world social issues. **SLB 406 The History of Social Thought** elaborates sociological theory in an intensive examination of perspectives for explaining social behavior. In addition to the five core requirements, students select four sociology electives toward completion of the ten courses in the major. It is also possible for the student to focus the five electives on specialization in criminal justice.

SLB 101S Introduction to Sociology

The study of degrees of agreement and disagreement among groups, organizations, institutions, etc., which exist in society, and what produces levels of agreement.

SLB 135 Self and Society

Survey of classical and contemporary analyses of relationship between human self-consciousness and socialization. Each human being is unique, but each's sense of self is shaped by others. Prerequisite: SLB 101S.

SLB 160 Statistical Methods

Introduction to quantitative techniques for data analysis in the social sciences. Univariable description, bivariable description, and statistical inference.

SLB/MNB 205 Human Ecology

(Directed Study available). Interaction of human communities such as organizations, cities, neighborhoods and industries with their social and physical environment.

SLB 221 Juvenile Delinquency

Analyzing juvenile delinquency through examination of the collective nature of human behavior, the function of values and normative patterns, and social conflict over values and resources. Prerequisite: SLB 101S.

SLB 224 Criminology

The causes and consequences of crime, the historical transition of ideas about crime, types of crime such as street level, organized, corporate, government; the measurement of crime and criminal deterrence.

SLB 235 Deviance

A survey of sociological research on deviance, including suicide, nudism, alcoholism, homosexuality, mental illness, prostitution, child abuse, drug addiction and rape. Prerequisite: SLB 101 S.

SLB/MNB 251 Work and Occupations (Directed Study available)

Theories and research explaining occupational choice and socialization, labor market segments, inter and intragenerational career mobility, professionalization, deprofessionalization, future trends in occupation. Prerequisite: SLB 101S or permission of instructor.

SLB 260 Qualitative Methods

Research practicum on the observation and analysis of human conduct and experience. Hands-on experience in field research methods and sociological inquiry. Prerequisite: SLB 101S.

SLB 310 Social Stratification

Inequality in the distribution of wealth, power, and status within a social system, including the effects of ethnicity, race, gender, occupational and wage hierarchies. Prerequisites: SLB 160M, 101S, and permission of instructor.

SLB 311 Sociology of Medicine

Organization, social construction of illnesses, strategies of managing medical failure, how medicine mediates social problems, marital conflict, smoking and drug abuse, impact on

health care of public policy. Prerequisites: SLB 160M and 101S.

SLB 324 Introduction to Criminal Justice

Police, courts and corrections, criminal law, public attitudes toward crime, discretionary power of police, capital punishment, adjustments after prison release. Prerequisite: SLB 224.

SLB 325 Community Field Experience

Students choose an internship in a community serving agency such as health rehabilitation, child and family services, legal services, special education, working a minimum of ten hours a week at the agency. Prerequisites: at least Junior standing and permission of instructor.

SLB 326 The Family

Family roles such as children, men, women, spouses, parents, kin examined. Ways in which family and work life interact. Dynamic changes in American family structure, and the modern family. Prerequisite: SLB 101S.

SLB 335 Social Interaction

A seminar in the study of face-to-face behavior in public places. The nature of deference and demeanor, tension between individuality and social structure, rules governing involvement, normal appearances, and role distance. Prerequisite: SLB 160M and 260.

SLB/MNB 351 Technology and Society (Directed Study Available)

Interdependent relationship of technological innovation, adoption, adaptation and diffusion to social change, with emphasis on evolution of modes of production and service delivery, and organizational structure and functioning. Prerequisite: Junior or Senior standing, SLB 160 with a C or better, and SLB 101S or PSB 101S, or permission of instructor.

SLB 360 Research Design

The techniques and application of social science research, critical evaluation of research evidence, designing and administering a group survey project. Prerequisite: SLB 160M.

SLB/MNB 371 Organizational Behavior and Leadership

Major factors affecting behavior in organizations. Motivation, group and team dynamics,

macroorganizational factors, leadership. Prerequisite: SLB 160M and 101S, or permission of instructor.

SLB 404 Crime, Justice, and Ethics

Apply ethical theories to analyze criminal justice conduct. Due process in law enforcement, tension between truth and loyalty, exercise of discretionary power, use of force, justification for punishment. Prerequisites: SLB 224 and 324 or permission of instructor.

SLB 406 History of Social Thought

For sociology majors. Concepts, approaches, and orientations that have played a part in shaping the nature of sociology, and ideas during the 19th and 20th centuries as sociology matured.

SLB 435 Social Construction of Reality

The processes whereby "society" is manufactured such that it becomes a force external to the dynamics which produced it. Primary frameworks, the anchoring of activity, legitimation, internalization, selective attention, typification. Prerequisite: SLB 260.

SLB/MNB 451 Technology and Society

Interdependent relationship of technological innovation, adoption, adaptation, and discussion to social change. Evolution of modes of production and service delivery, organizational structure, and function. Prerequisites: SLB 160M and 101S, or permission of instructor.

SPANISH

See *Modern Languages and Literatures*.

STATISTICS

MAN 133M Statistics, An Introduction

For description, see *Mathematics*.

Credit will be given for only one of MAN 133M and the Behavioral Science statistics courses below, but **not** both.

SLB 160M Statistical Methods

For description see *Sociology*.

BEB 260M Statistical Methods for Natural Sciences

Statistical methods used in the professional literature of the various natural sciences. Prerequisite: Sophomore standing and one of the following: BIN 100, MSN 119, 242, MSN/BIN 189, MSN 304, CSN 143M.

ECB/MNB 260M Statistical Methods for Management and Economics

For description see **Economics**.

POB 260M Political Science Research Methods

For description see **Political Science**.

PSB 200/1M Statistics and Research Design I, II

For description see **Psychology**.

THEATRE

The theatre program has two important functions: to provide the serious and talented theatre student with the theoretical, historical and practical fundamentals of the field; and to serve as a cultural resource for the college and community. Therefore, anyone is encouraged to join the creative efforts on-stage and backstage, whether student, staff or townsperson.

Students majoring in theatre are expected to develop the following knowledge and skills:

- acting and movement skills; for majors with emphasis in performance (acting/directing), additional in-depth knowledge and skills in one area, such as dance, singing, mime, puppetry.
- technical and backstage skills; for majors with emphasis in production, additional knowledge and skill in one area, such as sound, carpentry, costuming.
- functions and responsibilities of professional theatre staff.
knowledge of 40 plays, 25 classical, 15 modern, and 10 one act plays.
- knowledge of major Western historical periods and at least one Eastern theatre tradition.
- names of important theatrical innovators, past and present, one source reference book in

each major theatrical field, major professional theatre organizations and unions, theatrical supply houses and leasing agents for plays, and good graduate schools in the area of emphasis.

The academic requirements for theatre majors are 14 courses in the area which will include the following core program: The Human Instrument, Basic Acting, Stagecraft, Theatre Projects, Directing, History of Drama (two semesters), Theatre Beyond Literature, Theatre Internship, and Senior Project.

Suggested programs for performance or technical emphasis:

First-Year Students

The Human Instrument (core)
Basic Acting (core)
Dance I (performance)
Stage Lighting (technical)
Living Theatre (alternate)

Sophomores

Directing (core)
Stagecraft (core)
Theatre Projects (core)
Projects in Acting (performance)
Projects in Design (technical)
Alternates:
Improvisation (performance)
Dance and Techniques
Musical Theatre
The Lively Arts in London (winter term abroad)

Juniors

History of Drama I
Dance and Techniques (core)
Projects in Design (technical)
Theatre Internship (core)
Directing (performance or technical)
Alternates:
Choreography
Projects in Design
CAD: Applications to the Theatre

Seniors

Theatre Beyond Literature (core)
Projects in Acting (performance)
Senior Project (core)
Alternates:
Projects in Design (technical)
Projects in Acting (performance)
Advanced Directing

Each student is expected to concentrate on a major creative work as a Senior project. Some time should be spent on an internship at a major theatre center, or on a special summer program of participation in the performance arts. The American Stage Company is based in St. Petersburg and provides professional resources for the theatre program.

A minor in theatre requires six courses, of which at least two are at the 200 level or above.

THA 101 The Human Instrument

Exploration of the potentials for use of the body, voice, movement, energy, sensory awareness, mind, and psyche through a wide range of exercises.

THA 102A The Living Theatre

Overview of practical and aesthetic considerations of the theatre arts, along with performance and theatre technology. Class critiques of dramatic productions on campus. Short scenes performed in class.

THA 161 Stagecraft

Basic principles and procedures for constructing the stage picture. Theatre terms, use of hand and power tools, set construction, scene painting, special effects and new products.

THA 162 Stage Lighting

Basic principles and procedures for electricity and stage lighting. Instruments, terminology, wiring, drawing light plots, lamps, dimmers, lighting control equipment.

THA 163 Basic Acting

Development of basic tools of the actor through reading, discussion, acting exercises and scene work. Introduction to several approaches to the craft of acting. THA 101 recommended.

THA 1/2/366 Theatre Projects

Laboratory experience in performance and production. Completion of three units chosen from: production (lights, publicity, costumes, sound, scenery, props, makeup, management) and performance (audition repertoire, touring, main-stage, studio, choreography). May be repeated for credit.

THA 176 Dance I

An introduction to jazz emphasizing strength, flexibility, and development of a movement vocabulary. A study of dance history. Active technique class, with performing opportunity.

THA 202 Improvisation

Introduction to basic techniques of improvisation and theatre games. Should be viewed as a "laboratory" course. Students work with techniques developed by a variety of theatrical innovators, with emphasis on controlled creativity. Permission of instructor required.

THA/LIL 236/7 History of Drama I, II

For description see **Literature**.

THA 265A CAD: Applications for the Theatre

Become familiar with state-of-the-art programs for use in theatre design and performance and begin to utilize, in actual production, sophisticated programs available in the Binger Theatre. Basic program tools of Draft Choice, AutoCAD, Lights Beyond Athens. Two-dimensional drawing techniques, three-dimensional drawing functions, desktop publishing, set design to light plot transfer. Prerequisite: permission of instructor.

THA 267 Musical Theatre Workshop

History and performance technique of the musical, America's unique contribution to theatrical arts. Derivation and stylistic development of the form; artistic aspects of performance through laboratory production of scenes.

THA 2/3/476 Dance and Techniques

Study of jazz plus an introduction to dance composition. Active technique class, dance composition projects, and performing opportunity. Prerequisites: Dance I or previous experience and permission of instructor.

THA 301G (Directed Study) Living and Performing in Avignon

Rehearsals, equipment, costumes, props, and scenery preparation prior to five weeks during July and August at the Festival d'Avignon, Provence, France. While in Avignon, the company performs several times a week.

THA 322A Communication Arts and Persuasion

The principles, values, forms and effects of persuasive public communication. Film and video

tape examples. Experience in analysis, reasoning, evidence and organization of the persuasive speech. Not open to First-Year students.

THA 323A Oral Interpretation of Literature

Read literature for characterization, locus, technical considerations, devices of language and structure, text analysis. Lectures, exercises to develop beginning readers, and at least six oral presentations projects. Attendance essential because of emphasis on performance.

THA/LIA 362A Film and Literature

For description see **Literature**.

THA 367 Theatre Internship

Supervised work in college, community and professional theatre companies on internship basis. May be repeated for credit. Permission of instructor required.

THA 372 Directing

Study and practice of play-directing theories and techniques: analysis of play, rehearsal process, organizational procedures from script to production. Prerequisite: THA 163 or equivalent experience or permission of instructor.

THA 376 Dance and Techniques

See **THA 276**.

THA 377 Choreography

A study of dance composition beginning with basic elements of movement and culminating in a student work. Performing opportunity. Prerequisites: Dance and Techniques, or previous experience and permission of instructor.

THA 382A Theatre Beyond Literature

Theatrical as opposed to purely literary values in Eastern and Western culture, and the forces that contributed to the development of various styles of presentation in each distinct historical period, with a key script from each period.

THA 463 Projects in Technical Theatre

Focus on advanced academic/practical study in areas of technical theatre, e.g. stage management, advanced stagecraft, welding, drafting, scene painting, etc. The production needs of the academic program would determine the specific focus of the advanced area of study in any given

semester. Prerequisite: 161 or 162 or permission of instructor. May be repeated for credit.

THA 465 Special Projects in Design

Execution of a scene, lighting or costume design for a major full-length production or series of one-act plays. Prerequisite: THA 161, 162 or 363 or permission of instructor. May be repeated for credit.

THA 467 Projects in Acting

Ensemble, improvisation, characterization, maskwork, scene-study, acting styles, or performance of a major role in a full length play, or of several smaller roles, accompanied by an in-depth study of various tactics for characterization, applicable to the role in question. May be repeated for credit. Prerequisite: THA 163 or permission of instructor.

THA 473 Advanced Directing

Develop a personal directing style to meet the requirements of a given script, whether period or modern piece. Each director prepares at least two examples for an audience. Critique discussions. Prerequisite: THA 372.

THA 476 Dance and Theatre

See **THA 276**.

THA 499 Senior Project

Theatre majors are required to submit, in the second semester of the Junior year, a proposal for a project in their area of emphasis. The project, to be completed in the Senior year, is a synthesis of the student's academic and practical experience, and an opportunity to demonstrate knowledge and evaluate the final project. Some possible choices are acting, directing, design and playwriting. A three-member faculty committee evaluates the final project. Prerequisite: taking the Theatre Assessment Examination.

THI 365A Theatre in London

See **International Education**.

VISUAL ARTS

See **Art**.

WESTERN HERITAGE

WHF 181 Western Heritage in a Global Context I

The first course in general education introduces values through the study of the Greek, Roman, Chinese, and Indian worlds, using masterworks of those civilizations.

WHF 182 Western Heritage in a Global Context II

Exploring the post Renaissance world through literature, the arts, scientific accomplishments, and other major endeavors.

WHF/CUC 183C U.S. Area Studies

Open to international students only. A contemporary view of the U.S. and a limited survey of its past, size and diversity. Required for all degree-seeking international students.

WHF 184 Western Heritage in a Global Context (Honors)

The Freshman course for students in the Honors Program. Students meet weekly for the academic year and are awarded a course credit. Admission is by application to the Honors Program Director.

WINTER TERM PROJECTS

Descriptions of winter term projects are published in a separate brochure.

WOMEN'S AND GENDER STUDIES

Women's and gender studies is an interdisciplinary major exploring the creation, meaning and perpetuation of gender in human societies, both past and present. It is also an inquiry into women's material, cultural and economic production, their collective undertakings and self descriptions. The women's and gender studies major seeks to provide opportunities for:

- acquiring breadth of learning and integrating knowledge across academic disciplines.
- developing an understanding and respect for the integrity of self and others.
- learning to communicate effectively.

- developing the knowledge, abilities, appreciation and motivations which are liberating men and women.
- serious encounters with the values dimensions of individual growth and social interaction.

Majors develop integrative skill competencies in bibliographic instruction, writing excellence, close reading of texts, creative problem-solving, small group communication, oral communication, and expressive awareness.

Students majoring in women's and gender studies take a minimum of ten courses including WGL 201 S and WGL 410 and eight additional courses in three disciplines in consultation with their Mentors. Five of these courses must be at the 300 level or above. Majors must successfully pass a Senior comprehensive examination or, if invited by the faculty, write a Senior thesis.

For a minor in women's and gender studies, students take five courses including WGL 201S and WGL 410. Three of the five courses must be at the 300 level or above.

WGL 410 does not replace the collegial or discipline Senior Seminar for students who are minoring in women's and gender studies.

WGL 201S Introduction to Women's and Gender Studies

Issues involved in the social and historical construction of gender and gender roles from an interdisciplinary perspective. Human gender differences, male and female sexuality, relationship between gender, race and class.

WGL/CLL 202 Women in Ancient Greece

Study of the lives of women in Ancient Greece, from goddesses to mortals, queens to slaves, girls to wives to widows, drawing from Greek literature (drama, poetry, history, philosophy), from Greek art and archaeology.

WGL 221S Black Women in America

Slavery, the work force, the family, education, politics, social psychology, and feminism.

WGL 410 Research Seminar: Women and Gender

Senior Seminar designed to integrate the interdisciplinary work of the major. Students work in collaborative research groups to read and critique

Women's and Gender Studies

each other's work and produce a presentation that reflects interdisciplinary views on a women/gender issue. Focus on methodologies of the various disciplines and on research methods.

Descriptions of the following courses in the major are found in the disciplinary listings:

AMERICAN STUDIES

AML 307S *Rebels with a Cause: Radicals, Reactionaries and Reformers* (Directed Study available)

AML 308S *Becoming Visible: Sex, Gender and American Culture* (Directed Study available)

ANTHROPOLOGY

ANC 208 *Human Sexuality*

ART

CRA 384 *Twentieth Century American Women in the Arts*

COMPOSITION

FDF 122 *Analytical and Persuasive Writing: Writing and Gender*

CREATIVE WRITING

WWA 305 *Journals, Diaries, and Letters: The Intimate Connection*

ECONOMICS

ECB 371 *Economics of Gender*

FRENCH

FRC 325G *French Caribbean Literature and Culture*

FRC 404 *Themes in French Literature*

FRC 406 *French Theatre on Stage*

HISTORY

HIL 321 *Women in Modern America: The Hand that Cradles the Rock* (Directed Study available)

HIL 323 *From the Flapper to Rosie the Riveter: History of Women in the U.S. 1920-45*

HUMAN DEVELOPMENT

HDA 204 *Socialization: A Study of Gender Issues*

HDA 209 *Childhood Roles and Family Systems*

INTERNATIONAL BUSINESS

IBC/MNB 275 *The Sex-Role Revolution in Management*

LITERATURE

LIA 242A *Introduction to Native American Literature*

LIA 380A *Images of the Goddess*

LIL 205 *Woman as Metaphor*

LIL 206 *Men and Women in Literature*

LIL 312 *Literature by Women*

LIL 441 *Twentieth Century Literary Theory*

PHILOSOPHY

PLL 101 *Introduction to Philosophy*

PLL 241S *Ethics: Tradition and Critique*

PLL 244 *Social and Political Philosophy*

PLL 312 *American Philosophy*

PLL 331/2 *Philosophy of Gender*

PLL 342 *20th Century Philosophical Movements*

PLL 403 *Contemporary Philosophical Methodology: Feminist Theory*

POLITICAL SCIENCE

POB 103C *Introduction to International Relations*

POB 342 *Hunger, Plenty, and Justice*

POB 315 *Theories of War and Peace*

POB 316 *Women and Politics Worldwide*

PSYCHOLOGY

PSB 202 Psychology of Childhood and Adolescence

PSB 203 Psychology of Adulthood and Aging

RELIGIOUS STUDIES

REL 206S Sisters of Eve: the Bible, Gender, and Sexual Politics

REL 234 The Goddess in Eastern Tradition

REL 329 Liberation Theology

REL 361 From Existentialism to Postmodernism

SOCIOLOGY

SLB 251 Work and Occupations

SLB 326 The Family

SLB 345 Complex Organizations

SLB 405 Human Ecology

SLB 451 Technology and Society

SPANISH

SPC 407 Spanish Women Writers

WRITING WORKSHOP

See Creative Writing.

AUTUMN TERM PROJECTS FOR FRESHMEN

FOUNDATIONS COLLEGIUM

Autumn term is a three-week introduction to college life for Freshmen, consisting of one academic project, plus orientation, testing, and registration. New students choose from among fifteen or more courses offered by the professors who thus become their Mentors (advisers) and their Western Heritage in a Global Context instructors for the Freshman year. Typical autumn term offerings in recent years have included Women and Fiction, Food in History, Geology of Beaches, The Computer: Slave or Master, Health Psychology, and The Sociology of Sex Roles. See the autumn term brochure available from Foundations or Admissions.

FDF 1 Living in the USA (especially for international students)

Introduction to living in the U.S. and Florida, analyzing everyday problems, college living, comparative customs, systems, attitudes, American literature, health care, legal matters, sports, working, education, religion, politics, improving language skills. Resource people, field trips. Daily journal, analytical papers, final project reflecting autumn term experiences.

WINTER TERM PROJECTS

Winter term provides the opportunity for study concentrated on a single topic. Neither regular semester nor directed study courses are taken as winter term projects. Off-campus independent study projects may be taken only by students above Freshman standing for whom the off-campus location is essential to the nature of the project itself.

Descriptions of winter term projects are published in a separate brochure, available in the fall of each year. The winter term brochure contains complete information on registration and other procedures related to winter term.

As an indication of the range of educational opportunities available through Eckerd College during the winter term, the following is a list of project titles offered in the past.

On Campus: Theatre Production; Music in the Twenty-First Century; Subcultures and Deviance; Psychology and Medicine; Management in the Year 2000; Human Ecology; The Energy Problem: Now and the Future; The Economics of Public Issues; Speaking Russian; Developing Expository Writing; The South in American History; The Art of Biography; The New Religions; Perspectives on Violence; Florida's Exotic Plant Life; The Basics of Color Photography; Mathematical Modeling; Computer Project; Chemistry, The Environment and the Future.

Off-Campus: Greece: The Birthplace of Civilization; The Lively Arts in London; Paris: A Cultural and Linguistic Perspective; Geology: Geophysics of Volcanoes in Hawaii; International Banking in the Caribbean (Cayman Islands); The Dry Tortugas Expedition on the Brig Unicorn; Mexico: Language and/or Culture; Shapes of the Land of Enchantment (New Mexico).

In addition, there is a special winter term for Freshmen, the Leadership and Self-Discovery Practicum. For a description see page 8 of this catalog.

CAMPUS AND STUDENT LIFE

At Eckerd, learning and standards are not viewed as restricted to the classroom. The college cherishes the freedom that students experience in the college community and in the choices they make concerning their own personal growth. At the same time, each student, as a member of a Christian community of learners, is expected to contribute to this community and to accept and live by its values and standards: commitment to truth and excellence; devotion to knowledge and understanding; sensitivity to the rights and needs of others; belief in the inherent worth of all human beings and respect for human differences; contempt for dishonesty, prejudice and destructiveness. Just as Eckerd intends that its students shall be **competent givers** throughout their lives, it expects that **giving** shall be the hallmark of behavior and relationships in college life. Just as Eckerd seeks to provide each student with opportunities for learning and excellence, each student is expected to play a significant part in the vitality and integrity of the college community.

As an expression of willingness to abide by these standards every student upon entering Eckerd College is expected to sign a promise to uphold the statement of **Shared Commitment** that guides student life on campus. For a full description of the **Shared Commitment**, see page 4.

THE CITY

St. Petersburg is a vibrant city in its own right, and St. Petersburg, Tampa, and Clearwater together form a metropolitan area of over one million people with all the services and cultural facilities of any area this size.

St. Petersburg and nearby cities offer art museums, symphony orchestras, and professional theatre, in addition to road show engagements of Broadway plays, rock concerts, circuses, ice shows, and other attractions for a full range of entertainment.

Several major league baseball team use the Tampa Bay area for spring training, and there are major golf and tennis tournaments in the area. Professional football fans can follow the Tampa Bay Buccaneers, and professional hockey fans, the Tampa Bay Lightning. A new major league baseball team, the Tampa Bay Devil Rays, began playing in Tropicana Field in 1998.

Southern Ocean Racing Conference sailing races are held every year, as well as many regattas for sail and power boats. Fine public beaches on the Gulf of Mexico are within bicycling distance of the Eckerd College campus, as are public golf courses.

St. Petersburg has a pleasant semi-tropical climate with a normal average temperature of 73.5 degrees F. and annual rainfall of 51.2 inches.

THE CAMPUS

Situated in a suburban area at the southwest tip of the peninsula on which St. Petersburg is located, Eckerd's campus is large and uncrowded—267 acres with over 1 1/4 miles of waterfront on Boca Ciega Bay and Frenchman's Creek. There are three small lakes on the campus, and the chapel is on an island in one of them. The 68 air-conditioned buildings were planned to provide a comfortable environment for learning in the Florida climate. Professors and students frequently forsake their classrooms and gather outdoors in the sunshine or under a pine tree's shade. Outdoor activities are possible all year; cooler days during the winter are not usually severe.

RESIDENTIAL LIFE

Eckerd College has eight residential complexes, each consisting of four houses that accommodate 34-36 students and the newest facility, Nu Dorm, consisting of 16 eight-person suites. Most of the student residences overlook the water. Each house has a student Resident Adviser who is available for basic academic or personal counseling and is generally responsible for the house operation. A staff of four Complex Coordinators works with the Resident Advisers to provide additional support. Student residents are further supported by professional staff living on campus. Residence houses are self-governed.

STUDENT GOVERNMENT

ECOS is the college's student government association. It acts as a link between the students and the administration, with its officers sitting on several policy making committees, representing student views and issues. It also coordinates the budgeting of dozens of student organizations and

activities, with funds accumulated from each student's activities fee. The membership of the Eckerd College Organization of Students consists of all matriculated students, full and part time.

STUDENT ACTIVITIES

Eckerd believes that student life should be as full and rich as possible, both inside and outside of the classroom. The College provides a broad range of campus activities and those who cannot find something that suits their interests, are encouraged to start new groups of their own. A student's free time in college can be as interesting and rewarding as a student wants to make it.

HOUGH CENTER

The Hough Center serves as the hub for recreational and social activities. The facilities include a convenience store, gameroom, conversation lounges, several meeting rooms, multipurpose room and audio equipment, and snack bar. The Hough Center provides the opportunity for students to interact with faculty and staff as well as peers.

ENTERTAINMENT AND CULTURAL ACTIVITIES

The College Program Series, jointly planned by students, faculty and administration, is designed to enhance the intellectual, religious and cultural life of the college community through bringing well-known scholars, artists and distinguished Americans to the campus each semester.

The Student Activities Board sponsors movies, coffee house programs, dances, traditional parties and comedy nights, and concerts featuring local and nationally known artists. The Office of Multicultural Affairs, along with the Afro-American Society and the International Students Association, sponsors an array of ethnic programs throughout the year.

The music, art, and theatre disciplines sponsor a number of events throughout the year. There are student and faculty recitals, programs from the concert choir and chamber ensemble, exhibitions by student and faculty artists, dance performances, and a series of plays produced by the theatre workshops.

The intramural and recreation program allows houses and individuals to compete in a variety of

programs. The intramural sports include volleyball, flag football, soccer, sailing, fishing, street hockey, basketball, and softball. The recreation program includes aerobics, martial arts, a rope course, and numerous club sports.

STUDENT PUBLICATIONS

Publications are funded by student government and fully controlled by the students themselves. Student media include the *Triton Tribune*, the student newspaper, *WECX*, the campus radio station, *EC-TV*, the campus television station; *The Siren*, a literary magazine featuring artwork, prose, and poetry by members of the entire campus community; *The EC-Book*, the student handbook, and a yearbook.

ORGANIZATIONS AND CLUBS

If there is enough student interest to form a club, one may easily be chartered. Organizations which have been student-initiated include the Afro-American Society, Biology Club, Circle K, International Students, Pre-Law Club, Big Brothers/Big Sisters, the Triton Sailing, Waterskiing and Boardsailing Teams, Athletic Boosters, Earth Society, and Men's Volleyball.

RELIGIOUS LIFE

The College Chaplain directs the Campus Ministry Program, a joint effort of students, faculty and staff. The program provides religious activities in a Christian context and assists individuals and groups of other religious persuasions to arrange their own activities. Worship services, special speakers and emphasis weeks, small group studies, service projects and fellowship activities are provided through the program. The Chaplain serves as minister to students, faculty and staff, is available for counseling or consultation, and works closely with the Student Affairs staff to enhance the quality of campus life.

Regardless of their backgrounds, students are encouraged to explore matters of faith and commitment as an integral part of the educational experience. The college community believes that personal growth and community life are significantly strengthened by encounter with the claims of the Christian faith and the values of the Judaeo-Christian tradition.

WATERFRONT PROGRAM

Eckerd's Waterfront Program, one of the largest collegiate watersports programs in the southeastern U.S., is one of the most exciting recreational opportunities on the campus. The facilities, located on Frenchman's Creek, include a Waterfront Activities Center which houses offices, classrooms, a communication center, restrooms, and gear storage rooms. Additional facilities include boathouse, support buildings, docks, ramp, fishing, snorkeling, and other recreational equipment, live bait, a Ship's Store and Food Galley, a fleet of sailboats, canoes, sailboards, and two Correct Craft Ski Nautiques (for recreational and competitive waterskiing). Students who own boats can arrange to store or dock them here if space is available.

A unique feature of the Eckerd Waterfront is the community member's ability to use the facilities without membership in a formal club or organization. There are, however, many clubs and teams sponsored by the Waterfront for those interested. The Triton sailing team sails in sloop and single-hand competitions against schools from North Carolina through Florida in SAISA (the South Atlantic Intercollegiate Sailing Association), while the Triton boardsailing team competes in regattas both in and out of the collegiate circuit. Members of the Triton waterski team compete in trick, slalom, and jump events against schools throughout the Southern Conference.

One of the Waterfront's unique student organizations is Eckerd College Search and Rescue (EC-SAR) which is a highly trained group of students and alumni who provide maritime search and rescue services to the Tampa Bay boating community. Working closely with the U.S. Coast Guard and many local and state agencies, members give a high level of dedication, skill and commitment to public service and have received many national and local awards and commendations.

Waterfront classes are offered throughout the school year. Sailing classes are taught at all levels on both small sloops and larger sailboats. Normal class offerings include beginning and intermediate sailing, boardsailing, and scuba diving which is arranged through an area dive shop. Informal dockside instruction is offered during the afternoons by waterfront staff and volunteers.

PSYCHOLOGICAL SERVICES

College students are likely to encounter many new and different experiences and face many important decisions. There may be times when students want some help in negotiating these new challenges. The Counseling Center can help students to deal with these challenges, understand themselves better, gain insight into their decisions, improve their self-image, enhance their personal relationships, and learn to make new choices for more effective living. Additionally, athletes have the opportunity of consulting with a sports psychologist. Members of the theatre and visual arts disciplines also have access to this performance enhancement expertise.

Counselors are interested in assisting students with their personal, intellectual, and psychological growth and development. The Counseling Center is staffed by two full-time and two part-time therapists, and all services are free and completely confidential.

In addition to providing psychological counseling for students, the Counseling Center staff offers consultation services to faculty, staff, residence halls, and student organizations needing specialized programs or information regarding psychological issues, conflict resolution, crisis intervention, or wellness-related issues. Topical presentations and workshops are available by request on a variety of topics.

The Counseling Center also houses the EC-Peace Corps that sponsors activities designed to promote a holistic sense of personal well being. This is a Peer Educators' Program, which includes a speaker's bureau, peer educators, and presentations on various psychologically related topics.

HEALTH SERVICES

Eckerd's medical service is a member of the American College Health Association and directed by a physician who is at the Health Center two hours every Monday through Friday. A registered nurse is on duty 8 a.m. to 10:30 p.m., Monday through Friday. Students in need of treatment after these hours contact their Resident Advisers or Campus Security for assistance, or go directly to a hospital emergency room, or call 911 if emergency care is needed. Medicine may be charged to the student's account. The college notifies parents when community hospitalization is necessary, with the consent of the student.

AMERICAN STUDENTS OF COLOR

As evidence of its active commitment to recruit and encourage minority students, Eckerd supports a number of programs in this field. Visits to the campus give American students of color who are considering Eckerd College a chance to view the college, visit the faculty, live in the residence halls, and talk with other students.

The Afro-American Society, a student organization, helps plan a full range of programs that celebrate diversity. The office of Multicultural Affairs is available to provide assistance for any special needs of American students of color.

DAY STUDENTS

Students who are married, are over 22 years of age, or who live with their family are provided with campus post office boxes to receive communications. Opportunities for participation in campus sports, activities, cultural events, and student government (ECOS), are available to day students and are coordinated and communicated by the Day Student Program. All cars, motorcycles, and bicycles are registered by the Office of Campus Safety.

ATHLETICS FOR MEN AND WOMEN

Eckerd College is a member of the National Collegiate Athletic Association. Men play a full intercollegiate schedule in baseball, basketball, golf, soccer, and tennis. Women's intercollegiate sports include basketball, cross country, golf, soccer, softball, tennis, and volleyball. Golf is a co-educational sport. The college is a member of the Sunshine State Conference, and both men and women play NCAA Division II competition.

Intramural sports are organized as competition among houses. Day students compete with house teams. All students are eligible to participate in the wide range of intramural activities, which include football, softball, soccer, volleyball, basketball, and street hockey. In addition, sports clubs may be organized around swimming, sailing and canoeing. The McArthur Physical Education Center houses locker rooms, physical education faculty offices, two basketball courts, a weight room, four badminton courts, and three volleyball courts, a swimming pool, and areas of open space. The Turley Athletic Complex includes lighted

baseball and softball fields, a practice infield, a soccer field, grandstands, and a building which consists of a locker room facility and a snack bar.

ADMISSION

Eckerd College seeks academically qualified students of various backgrounds, national and ethnic origins. Further, we seek students who show promise for making positive contributions to members of the Eckerd College community. When you apply, we will look at your academic performance in college preparatory courses (mathematics, science, social studies, English, foreign languages, creative arts). We will also consider your performance on the college entrance examinations (ACT or SAT I). Students whose native language is not English can choose to replace the ACT or SAT I with the TOEFL examination. Achievement tests are not required but are highly recommended. Your potential for personal and academic development is important and in this respect we will look closely at your personal essay, record of activities and recommendations from your counselors or teachers. Admissions decisions are made on a rolling basis beginning in October and continuing through the academic year for the following fall. Students considering mid-year admission for either winter term (January) or spring semester (February) are advised to complete application procedures by **December 1**. Applicants for fall entry should complete procedures by **April 1**.

FRESHMAN ADMISSION

High school Juniors and Seniors considering Eckerd College should have taken a college preparatory curriculum. Our preference is for students who have taken four units of English, three or more units each of mathematics, sciences and social studies, and at least two units of a foreign language. Although no single criterion is used as a determinant for acceptance and we have no automatic "cutoff" points, the great majority of students who gain admission to Eckerd College have a high school average of B or better in their college preparatory courses and have scored in the top 25 percent of college-bound students taking the ACT or SAT I.

APPLICATION PROCEDURES FOR FRESHMEN

1. Request application forms in Junior year or early in Senior year from Dean of Admissions.
2. Complete and return your application to the Dean of Admissions, with an application fee of \$25 (non-refundable) at least two months prior to the desired entrance date. Students who are financially unable to pay the \$25 application fee will have the fee waived upon request. Eckerd College accepts the Common Application in lieu of its own form and gives equal consideration to both.
3. Request the guidance department of the secondary school from which you will be graduated to send an academic transcript and personal recommendation to: Dean of Admissions, Eckerd College, 4200 - 54th Avenue South, St. Petersburg, Florida 33711.
4. Arrange to take the Scholastic Aptitude Test I, offered by the College Entrance Examination Board or the ACT Test Battery, offered by the American College Testing Program. Take your test in spring of Junior year or early fall of Senior year.

TRANSFER ADMISSION

Eckerd College welcomes students from other colleges, universities, junior and community colleges that have earned full regional accreditation. Applicants are expected to be in good standing at the institution last attended and eligible to return to that institution.

APPLICATION PROCEDURES FOR TRANSFER ADMISSION

1. Complete and return application form to the Dean of Admissions with an application fee of \$25 (non-refundable) at least two months prior to the desired entrance date (see calendar for various entry points).
2. Request that official college transcripts be sent to us from every college or university you have attended.
3. Send us a record of college entrance exams (SAT I or ACT). This may be waived upon request for students who have completed at least one year of college work.

4. Request a letter of recommendation from one of your college professors.
5. If you have been out of high school for less than two years, we will need a copy of your high school transcript.

EVALUATION AND AWARDING OF TRANSFER CREDIT

After you have been accepted for admission, your transcript will be forwarded to the college Registrar and to the discipline coordinator of your intended major for credit evaluation.

With regard to the transfer of credits from other regionally accredited institutions, it is the policy of Eckerd College to:

1. Award block two-year credit to students who have earned an Associate of Arts degree with a cumulative grade point average of at least 2.0; or
2. Accept, for transfer students without Associate of Arts degrees, only those appropriate courses in which grades of C or higher were earned. Transfer credits will be awarded for courses with comparable titles, descriptions, and contents to Eckerd College courses.
3. Accept a maximum of 63 semester hours of transfer credit since the last two academic years of study for an Eckerd College degree must be completed at Eckerd.

Therefore, all transfer students to Eckerd College will have cumulative grade point averages of at least 2.0 in courses accepted from other institutions toward an Eckerd College degree. This policy statement covers practices in both the residential college and the Program for Experienced Learners.

Applicants who have earned credits more than five years ago, or whose earlier academic records are unavailable or unusual are requested to direct special inquiry to the Admissions office.

PROCEDURES AFTER ACCEPTANCE

All students who have been accepted for admission are asked to send a \$100 deposit, within thirty days of acceptance or within thirty days of a financial aid award. This deposit is refundable until **May 1** for fall applicants, but is not refundable for mid-year applicants. Students who are

accepted after **November 15** for mid-year entry or after **April 15** for fall entry will be expected to reply within fifteen days of acceptance with a \$100 non-refundable deposit. The acceptance deposit is applied toward tuition costs and credited to the student's account.

A Student Information Form, a Housing Form, and a Health Form are sent to all accepted students. The Student Information Form and Housing Form should be returned by **May 1**. These forms enable us to begin planning for needs of the entering class of residential and commuting students.

The Health Form should be completed by your personal physician and forwarded to the Admissions office prior to the enrollment date.

EQUIVALENCY CERTIFICATES

Students who have not completed a high school program but who have taken the General Education Development (GED) examinations may be considered for admission. In addition to submitting GED test scores, students will also need to supply ACT or SAT I test results.

ADMISSIONS INTERVIEW

Students considering Eckerd College are strongly urged to visit the campus and have an interview with an admissions counselor. We also encourage you to visit a class and meet students and faculty members. An interview is not a required procedure for admission but is always a most beneficial step for you the student, as well as for those of us who evaluate your candidacy.

EARLY ADMISSION

Eckerd College admits a few outstanding students who wish to enter college directly after their Junior year in high school. In addition to regular application procedures outlined above, early admission candidates must submit a personal letter explaining reasons for early admission; request two letters of recommendation from an English and a mathematics teacher; and come to campus for an interview with an admissions counselor.

DEFERRED ADMISSION

A student who has been accepted for admission for a given term may request to defer enrollment for up to one year. Requests should be addressed to the Dean of Admissions.

ADVANCED PLACEMENT

Eckerd College awards course credit on the basis of scores on the Advanced Placement examinations administered by the College Entrance Examination Board. Students who have obtained scores of **four** or **five** will automatically be awarded credit. Applicants who seek advanced placement should have examination results sent to the Dean of Admissions.

COLLEGE LEVEL EXAMINATION PROGRAM

Course credit will also be awarded on the basis of scores received on the College Level Examination Program (CLEP). Credit is awarded only for the following:

EXAMINATION	SCALED SCORE FOR AWARDING CREDIT	MAXIMUM SEMESTER CREDIT
American Government	55	3.5 hours
American History I	55	3.5 hours
American History II	55	3.5 hours
Calculus	55	7.0 hours
College Algebra	55	3.5 hours
College Algebra-Trigonometry	55	3.5 hours
Educational Psychology	55	3.5 hours
French	55	7.0 hours
General Biology	55	7.0 hours
General Chemistry	55	7.0 hours
General Psychology	55	3.5 hours
German	55	7.0 hours
Human Growth and Development	55	3.5 hours
Introductory Accounting	55	3.5 hours
Introductory Macroeconomics	55	3.5 hours
Introductory Microeconomics	55	3.5 hours
Introductory Marketing	55	3.5 hours
Introductory Sociology	55	3.5 hours
Spanish	55	7.0 hours
Trigonometry	55	3.5 hours
Western Civilization I	55	3.5 hours
Western Civilization II	55	3.5 hours

International students may not use CLEP to receive college credit for elementary or intermediate foreign language in their native tongue. CLEP results should be sent to the Dean of Admissions.

INTERNATIONAL BACCALAUREATE PROGRAM

Eckerd College will confer Sophomore standing to students who have completed the full International Baccalaureate and who have earned grades of 5 or better in their three Higher Level subjects. IB students who do not earn the full Diploma may receive credit for Higher Level subjects in which grades of 5 or better were earned in the examinations.

INTERNATIONAL STUDENT ADMISSION

Eckerd College enrolls students from more than fifty countries. Some are native speakers of English; many are not. In all cases, the Admissions and Scholarship Committee gives special attention to the evaluation of students who have completed their secondary education abroad. Candidates whose native language is not English should submit the TOEFL scores in lieu of SAT or ACT scores. Ordinarily, international students will not be admitted unless they score a minimum of 550 on the TOEFL exam and/or complete level 109 instruction in the ELS Language Centers program.

APPLICATION PROCEDURE FOR INTERNATIONAL STUDENTS

1. Complete and return the application form with an application fee of \$25 (non-refundable) at least three months prior to the desired entrance date.
2. Request that official secondary school records (and official university records if applying as a transfer student) be sent to us. If official records are not in English, we should receive a certified translation in English.
3. Results of the Test of English as a Foreign Language (TOEFL) for non-native speakers of English should be submitted. Others are urged to take SAT I or ACT.
4. Complete a certified statement of financial responsibility indicating that adequate funds are available to cover educational costs.

INTERNATIONAL DIPLOMAS

The following international diplomas are accepted for consideration of admission with advanced standing:

The General Certificate of Education of the British Commonwealth. Students with successful scores in "A" level examinations may be considered for advanced placement.

The International Baccalaureate Diploma may qualify a candidate for placement as a Sophomore.

READMISSION OF STUDENTS

If you have previously enrolled at Eckerd College and wish to return you should write or call the Dean of Students office. It will not be necessary for you to go through admission procedures again. However, if you have been enrolled at another college or university you will need to submit a transcript of courses taken there.

To apply for readmission after dismissal, a student should write to the Dean of Students, who will obtain the approval of the Dean of Faculty as chair of the Academic Review Committee before authorizing readmission.

FINANCIAL AID

All students accepted for admission to Eckerd College who are U.S. citizens or permanent residents are eligible to receive aid if they demonstrate financial need. For institutional awards priority is given on the basis of grades, test scores, recommendations, and special talents. Most students receive an "aid package" consisting of scholarship, grant, loan, and campus employment. In many cases, the financial aid package offered to a student may reduce out-of-pocket tuition payment to less than would be paid at a state college or university. Eckerd College makes every effort to help a student develop financial plans that will make attendance possible.

APPLICATION PROCEDURES FOR FINANCIAL AID

Decisions regarding financial assistance are made upon admission to the college as well as the receipt of the necessary financial aid credentials which can be accomplished by filing the Free

Application for Federal Student Aid. No supplemental form is required.

Transfer students who are entering Eckerd the winter term or the spring semester must submit a Financial Aid Transcript from each prior school regardless of whether aid was received. The forms may be obtained from the Eckerd College Financial Aid office and must be returned before an award may be released.

Any student who has resided in Florida for 12 consecutive months should complete and file an application for a Florida Student Assistance Grant. Application is made through the submission of the Free Application for Federal Student Aid by answering the State questions.

Many of the sources of financial aid administered by Eckerd College are controlled by governmental agencies external to the college. Examples of programs of this type are Federal Pell Grants, Federal Supplemental Educational Opportunity Grants (SEOG), Florida Student Assistance Grants (FSAG), Florida Resident Access Grant, Florida Bright Futures Scholarships, Federal Stafford Loans, Federal Perkins Loans, and the Federal Work Study Program. To receive a current pamphlet concerning these programs, write or contact the Office of Financial Aid, Eckerd College, 4200 54th Avenue South, St. Petersburg, Florida 33711.

To be considered for any financial aid through Eckerd College, whether the merit awards listed in this catalog or any need-based assistance from the college or federal and state governments, it is necessary that you submit the Free Application for Federal Student Aid, without a supplemental form. These forms are available in the guidance department of the school you are currently attending. It is important to mail the Free Application for Federal Student Aid by **March 1**, and to list the code for Eckerd College, **001487** on the File Application for Federal Student Aid.

APPLICATION PROCEDURES FOR FINANCIAL AID FOLLOWING READMISSION

When you apply to Eckerd College for readmission after a period of time away from the college, you should contact the Financial Aid office to determine your eligibility for all financial aid programs.

If you previously received financial assistance at Eckerd College or plan to apply for financial aid prior to readmission, you will need to complete the following steps:

1. Obtain a Financial Aid Transcript from the Financial Aid office of each college you have attended since leaving Eckerd College.
2. Ensure that your obligations for Federal Stafford Loan or Federal Perkins Loan payments are being met. If you leave Eckerd College for one semester, your six month grace period will likely expire. Thereafter, you will have loan payments due which must be paid before receiving assistance again on readmission.
3. If you enroll at least half time and have prior outstanding Federal Stafford, Perkins, SLS, PLUS or Consolidation loans, you may be eligible for deferment (postponement) of payments.
4. Obtain deferment form(s) from your lender(s) to submit to the Registrar at Eckerd College. The Registrar will verify your enrollment status to your lender(s). Deferment forms may be requested and submitted at least annually.
5. All prior debts to Eckerd College must be satisfied before any financial aid assistance may be released. Contact Student Accounts to clear all prior obligations.
6. Contact the Dean of Students to apply for readmission.

FINANCIAL AID STANDARDS OF SATISFACTORY PROGRESS

Students receiving financial assistance must maintain satisfactory academic progress to continue receiving aid.

Normal progress toward graduation is the completion of four courses each semester and a short term each year with grades of C or better.

The Academic Review Committee will assess your progress each semester as follows:

1. Probation:
 - a. 2 or 3 F grades.
 - b. F and/or W grades that result in falling behind by 2 to 5 courses.
 - c. 1 to 3 more D than B or better grades.

2. Subject to Dismissal:

- a. 4 F grades.
- b. F and/or W grades that result in falling behind by 6 courses.
- c. 4 or more D than B or better grades.
- d. Completion of no courses in an academic year.

3. Dismissal:

- a. 5 F grades.
- b. F and/or W grades that result in falling behind by 7 courses.
- c. 5 or more D than B or better grades.
- d. Completion of no courses in an academic year.

You may be reinstated as follows:

1. Removal of Probation: Complete 4 courses in one semester with C or better grades and the overall number of B or better grades at least equals the number of D grades.

2. Reinstatement after Dismissal: Write to the Dean of Students who must obtain approval from the Dean of Faculty (Chairman of the Academic Review Committee) before readmission is authorized.

If you are placed on probation by the Academic Review Committee, you will also be placed automatically on financial aid probation. You may receive financial assistance during your probationary period. If you are dismissed by the Academic Review Committee, your financial assistance must cease.

The grade of I (Incomplete) will not be assessed by the Academic Review Committee. However, if the work for the course is not completed by the deadline, normally thirty days into the next regular semester, and the Incomplete grade automatically becomes an F, that F grade will be assessed by the Academic Review Committee. The grade of W (voluntary withdrawal) is assessed by the Academic Review Committee, as noted above.

A course repetition will be treated as any other course. A grade of F earned for a prior course will not be removed from the transcript.

Additional information concerning the school's grading system and academic policies can be found in various sections of the Eckerd College catalog. Also, please note that certain financial aid programs require special academic achievements for renewal as follows:

1. Institutional

2.0 Cum. GPA: Church and Campus Scholarship
Eckerd College Grant
Faculty Tuition Remission
Ministerial Courtesy
Special Talent
Eckerd named Scholarships

3.0 Cum. GPA: Eckerd College Honors
National Merit Special Honors
Presidential Scholarship
Selby Scholarship

2. Florida Programs

- a. *Florida Academic Scholars Award:* 3.0 Cum. GPA and 12 contact hours during the academic year in which the award is received.
- b. *Florida Merit Award:* 2.75 Cum. GPA and 12 contact hours during the academic year.
- c. *Florida Gold Seal Award:* 2.75 Cum. GPA and 12 contact hours during the academic year.
- d. *Florida Work Experience Program:* 2.0 Cum. GPA and appropriate course completion each semester worked.
- e. *Florida Student Assistance Grant:* 2.0 Cum. GPA and 24 semester contact hours during the academic year; up to 9 semesters within a period of not more than 6 consecutive years.
- f. *Florida Resident Access Grant:* 2.0 Cum. GPA and 24 contact hours completed during the academic year; up to 9 semesters.
- g. *Florida Chapple James Scholarship:* 2.5 Cum. GPA and 24 contact hours during the academic year; for the freshman and sophomore years only.

3. Federal Programs

If you receive federal Title IV aid assistance you must receive your baccalaureate degree within 150 percent of your program length. Therefore, you will have up to a maximum of 54 attempted courses to complete your baccalaureate degree. Whether you register full time, three-quarter time, or half-time, you must complete your degree within a maximum of 54 attempted courses. Federal assistance may not be awarded beyond the 54 attempted courses.

Also, if you receive federal Title IV assistance initially or for renewal, you must progress at yearly increments toward your degree goal. By the end of each academic year, you must complete two thirds of the courses (rounded up) that you attempted for that academic year. For example, if you enroll in 9 courses during the year (four courses each long semester and a winter term), you must complete 6 of those courses.

In counting the total number of courses completed during the year, you may count summer courses completed at Eckerd during the prior summer terms, but may not count the courses taken during the current summer term(s).

The grades of F, W, I, IP, and NR will not count as completed courses. Also, non-credit remedial courses will not count. Course repetitions will count as completed courses.

If you fail to earn the appropriate number of courses at the end of the academic year, you will be placed on probation for the following academic year. You may receive federal Title IV assistance during the year of probation.

If you earn the appropriate number of courses the following academic year, you will have your probationary status removed. While on probationary status, you are encouraged to use the counseling services provided by Student Affairs, request assistance from your Mentor, and seek tutoring opportunities.

If you fail to earn the appropriate number of courses during your probationary year, you will lose all federal financial aid. You may return to Eckerd College (without receiving federal Title IV assistance) and complete two-thirds of the attempted courses that semester to have your Federal financial aid re-instated thereafter. If you do not return for a period of two years, you will be eligible to return in good standing with Title IV eligibility, if you meet all other requirements.

The transfer student will have the same schedule for the maximum degree time-frame and yearly incremental progression as noted above. At the end of each academic year, the cumulative courses attempted for the transfer student will be reviewed, and will consist of the transfer courses accepted at Eckerd and the attempted courses taken at Eckerd.

If you wish to enroll in additional courses to enhance your career goal, or if you are dismissed and readmitted, a reasonable extension of courses will be considered through the appeal process.

In addition, to be eligible for any federal Title IV aid after your second academic year, you must have a cumulative GPA at the end of the second and third academic years at Eckerd College that is consistent with requirements for graduation.

Federal Title IV aid includes:

- (a) Federal Pell Grant
- (b) Federal Perkins Loan
- (c) Federal Supplemental Educational Opportunity Grant
- (d) Federal Work Study Program
- (e) Federal Stafford Loan
- (f) Federal PLUS Loan

You may appeal the probationary status of your federal financial aid or loss of federal aid for failure to meet the incremental progression of course completion or failure to graduate within 54 attempted courses by presenting an appeal to the Financial Aid Office. The appeal should be specific and should identify any extenuating circumstances, i.e. injury, illness, death of a family member, etc. The appeal will be reviewed by the Financial Aid office.

ECKERD COLLEGE SCHOLARSHIP PROGRAMS

When Eckerd College started the Program for Experienced Learners, it set PEL tuition rates considerably lower than those for the Residential Program. Given this tuition discount, Eckerd College scholarships that are available for students in the Residential Program may not be used in the Program for Experienced Learners.

PRESIDENTIAL SCHOLARSHIPS

The Presidential Scholarships are a recognition of outstanding merit without regard to financial need. Each year twenty-five Freshmen are selected to receive scholarships ranging from \$6,000 - \$8,000 per year. The scholarships are renewable for a total of four years if the student maintains a 3.0 grade point average. Selection criteria for this award include academic achievement, creative talent and character. Application deadline is **February 15**. A separate application is required and is available on request.

SPECIAL HONORS SCHOLARSHIPS

The Special Honors Scholarship Program provides fifteen full tuition awards to entering Freshmen who are finalists and semifinalists in the National Merit, National Achievement, and National Hispanic Scholarship Programs. The value of this award is in excess of \$17,500 per year, and in excess of \$70,000 for four years if the student maintains a 3.0 grade point average. A student designated a semifinalist in one of these programs should make application for admission to Eckerd College no later than **February 15**.

HONORS SCHOLARSHIPS

The Honors Scholarships seek to recognize outstanding applicants for admission (Freshmen and transfers). Scholarship finalists will be selected from among all applicants for admission without regard to financial need. A student receiving an Honors Scholarship may receive up to \$5,000 yearly. The scholarship is renewable if the student maintains a 3.0 grade point average. No separate application is required; however, for priority consideration students should apply for admission no later than **March 1**.

SPECIAL TALENT SCHOLARSHIPS

The Special Talent Scholarships provide recognition and encouragement to students who have excelled in a particular area of endeavor. All students accepted for admission are eligible to compete for these scholarships. Awards will be made on the basis of outstanding talent or achievement in any of the following areas:

1. Achievement in math, science, English, social studies, behavioral sciences, foreign languages or any specific area of academic pursuit.
2. Special talent in the creative arts—music, theatre, art, writing, etc.
3. Special achievement in international education, including participation in AFS, YFU, or Rotary student exchange programs.
4. Demonstrated leadership and service in student, community or church organizations.
5. Special talent in men's or women's athletic competition.

Special Talent Scholarship winners may receive up to \$5,000 yearly. The scholarship is renewable

for students with a 2.0 cumulative grade point average following formal recommendation by those qualified to evaluate the appropriate special talent. No separate application is required but for priority consideration students should apply for admission prior to **March 1** and submit the following:

1. Free Application for Federal Student Aid (FAFSA).
2. Letter of recommendation from teacher, adviser or coach directly involved in student's achievement area.
3. Additional materials the student wishes to submit in support of his or her credentials.

CHURCH AND CAMPUS SCHOLARSHIPS

The Church and Campus Scholarships are a recognition of merit for fifty new Presbyterian students each year who have been recommended by their pastor and possess traits of character, leadership and academic ability which in the pastor's opinion demonstrate the promise to become outstanding Christian citizens—either as a lay person or a minister. Students recommended by their pastor who become recipients of a Church and Campus Scholarship will receive a grant up to \$7,000 to be used during the Freshman year. The award is renewable annually on the basis of demonstrated academic, leadership and service achievement, and a cumulative grade point average of at least 2.0. This award is not based on financial need. Scholarship winners may apply for supplemental financial aid. More scholarship details and nomination forms are available on request.

FRANK BYARS SCHOLARSHIP FOR FLORIDA RESIDENTS

Beginning with the Fall semester 1996, all full-time new students entering Eckerd College as Florida residents (eligible for the Florida Residence Access Grant) will be guaranteed \$5,000 Frank Byars Scholarships. If the entering student should win any other Eckerd scholarship valued at \$5,000 or more, the Frank Byars Scholarship will be replaced by the Eckerd College scholarship of equal or higher value. The effect of this program is to insure that all new students entering Eckerd College as Florida residents will be guaranteed a minimum scholarship of \$5,000. This scholarship minimum is renewable for a total of four years if the student maintains a 2.0 GPA. This scholarship

program is for the residential program only, and may not be used in the Program for Experienced Learners.

ENDOWED SCHOLARSHIPS

Endowed scholarship funds have been established by the gifts of those listed below or by the gifts of others in their honor. These scholarships are awarded through the regular scholarship and financial aid procedures of the college and do not require separate applications.

As the tuition charges for the Program for Experienced Learners are considerably lower than those for the Residential Program, the endowed scholarship funds are awarded only to students in the Residential Program.

Suzanne Armacost Memorial Scholarship, established in 1991 by the family and friends of Suzanne Armacost and through a bequest from her friend and neighbor Mary Murdock. It is awarded annually on the basis of merit to outstanding students who have demonstrated the traits of a competent giver.

Margaret S. and Walter D. Bach Memorial Fund, established in 1984, awarded annually to outstanding Florida students from Escambia, Santa Rosa, Okaloosa or Walton counties.

Barnett Bank, established in 1988, awarded annually to students with financial need majoring in business or a related program with an interest in banking.

William B. Blackburn Honor, established in 1989, awarded annually to Freshmen women of academic distinction who plan to major in business.

Charles Bradshaw, established in 1982.

Frank B. Buck Church and Campus, established in 1981 by his wife, to be awarded annually to a student of strong academic ability, financial need and demonstrated traits of a "competent giver."

Buford Scholarship, established in 1982.

Sherry Jo Byars, established in 1983 by W. Frank and Jo Byars in memory of their daughter, to be awarded annually to outstanding students on the basis of academic ability, leadership, and service.

Howard M. Davis, established in 1984.

Betty Jane Dimmitt Memorial, established in 1983 by her family, to be awarded annually to

Juniors and Seniors majoring in the fine arts.

Eckerd Associates Endowed Scholarships, established in 1995 by the Eckerd Corporation to reward eligible employees and members of their families who have achieved scholastic excellence and who have a history of service to their schools, churches, and communities.

Jack Eckerd, established in 1984.

Kennedy Eckerd Athletic, established in 1973, awarded annually to selected scholar athletes.

Paul and Jane Edris Church and Campus, established in 1985 by the First Presbyterian Church of Daytona Beach, Florida, in honor of their pastor and his wife. Awarded to students of academic distinction.

Fine Arts Scholarship, established in 1985 by an anonymous friend of the college to assist students majoring in the visual arts.

Thomas and Hilda Girolamo, established in 1988 by Hilda Girolamo in memory of her husband, who was a member of the Eckerd College staff. Awarded on the basis of need to a Florida high school graduate and continuing Florida resident.

Ben Hill Griffin, Jr., established in 1982 by Mr. Griffin who was a founding trustee of the college. Awarded annually to students with financial need, academic ability and leadership qualities.

Chauncey M. and Jewel Hearn International Study Scholarship Fund. This endowed scholarship has been established for the purpose of enabling students to participate in overseas academic programs in Asia.

Al and Winnie Hodgson, established in 1986, awarded annually to students with financial need and have demonstrated to be a responsible giver.

Home Federal/Barnett Bank, established in 1983, awarded annually to an outstanding Junior or Senior majoring in management who demonstrates financial need.

Robert A. James Memorial, established in 1983 by his family, to be awarded annually to a Freshman with outstanding academic ability, leadership skills, and exceptional performance in either tennis, golf, or cross-country.

Howard M. Johnson, established in 1975, awarded annually to outstanding students based on need.

Elaine R. Kinzer Memorial, established in 1987, awarded to students majoring in management or business with financial need.

Max Klarin Memorial, established in 1985, awarded annually to a student majoring in fine arts.

Oscar Kreutz Church and Campus, established in 1984, awarded to Presbyterian students who are Pinellas County residents and members of the First Presbyterian Church, St. Petersburg, Florida.

Philip J. Lee, established in 1989, in honor of the college's first chairman of the board of trustees.

Colin Lindsey, established in 1977.

Margaret Fahl Lofstrand Memorial, established in 1976 by her family to honor Margaret, who was a member of the founding class. Awarded annually to outstanding female students.

Frida B. Marx Memorial, established in 1984 by her husband. Annual award to student designated by Delta Phi Alpha, German honorary fraternity, for overseas study in Germany.

Emily A. and Albert W. Mathison, established in 1960, awarded on the basis of academic achievement, character, and financial need.

Margaret Curry May, established in 1964.

Alfred A. McKethan, established in 1985, to provide ten annual scholarships to outstanding students, no more than three of whom are in the same academic class. Awards are determined by academic performance, Christian character, and evidence of leadership.

William McLaughlin Memorial, established in 1984 by Nash Stublen. Awarded annually to students with financial need to support their participation in international education or other off-campus programs.

George F. and Asha W. McMillan, established in 1959, awarded annually to a preministerial student.

Meinke/Mentor Scholarship Fund, established in 1993 by L. Howard and Rebecca Moss to honor Professor Peter Meinke who was the faculty Mentor to their daughter Susan. Awarded annually to students majoring in the humanities on the basis of merit.

Mari Sabusawa Michener, established in 1993, awarded on the basis of need to African American, Asian American, Hispanic American, or Native American students who are U.S. citizens.

James A. Michener Creative Writing, established in 1992, awarded to a Junior or Senior year student who shows unusual promise in creative writing.

Jeff and Tracy Moon, established in 1995 by Eileen Moon '65 in honor of her children to help students and encourage other alumni who received scholarships to support the college. Awards are based solely on financial need.

Glenn W. Morrison Memorial, established in 1969, awarded annually to a music student selected by the music faculty.

Cade Nabers Memorial, established in 1989 by Mr. and Mrs. John Nabers in memory of their son who was a member of the Class of 1990, awarded annually to a Junior majoring in Literature.

Mary Dillard Nettles, established in 1991, awarded to Presbyterian students on the basis of need and merit, with preference given to students majoring in music or art.

Azalia P. Oberg, established in 1976.

John O'Flaherty ASPEC Memorial, established in 1989, awarded annually to an outstanding Junior or Senior majoring in economics.

Karim Said Petrou Memorial, established in 1989 by his family, awarded annually on the basis of financial need.

The Walter S. and Janet S. Pharr Church and Campus, established in 1991, awarded to students with outstanding academic ability whose traits of character, leadership, and service give promise of outstanding contributions to society, the church, and the religious and social life of the college.

Dominick J. and Maude B. Potter, established in 1978, awarded annually to outstanding students with demonstrated financial need from high schools in St. Petersburg, Florida.

Daniel C. Powell, established in 1994 by a Presbyterian friend to support church and campus scholarships.

George A. Raftelis, established in 1997, awarded annually to students who intend to major in Business or Environmental Studies, with demonstrated financial need.

William and Sandra Ripberger, established in 1993, awarded annually based on financial need.

Philip Reid Memorial, established in 1996 by Professor Emeritus George K. Reid in memory of his son. Awarded to outstanding students with demonstrated financial need.

R.A. Ritter, established in 1968, awarded annually with preference given to a son or daughter of an employee of the Ritter Finance Company of Wyncote, Pennsylvania; or to a student from Pennsylvania.

Kathleen Anne Rome Memorial, established in 1971, awarded annually to science students on the basis of scholastic aptitude, financial need, and compassion for humanity.

Thelma and Maurice Rothman, established in 1988, provides financial assistance to Jewish students with awards made on the basis of need and academic merit.

Frank A. Saltsman, established in 1983.

Robert T. and Fran V.R. Sheen, established in 1989, provides financial assistance to students majoring in business or management.

Eugene and Donna Sitton, established in 1985, provides annual scholarships for outstanding student athletes.

Edna Sparling, established in 1976.

Frances Shaw Stavros, established 1987, awarded annually on a competitive basis to outstanding students who are Florida residents with preference to children of employees who have had at least five years continuous employment with Better Business Forms, Better Business Systems, Inc., or Florida Progress Corporation.

Ruth and Robert Stevenson, established in 1964.

Samuel E. and Mary W. Thatcher Church and Campus, established in 1993 by their son, John W. Thatcher of Miami. Awarded annually with preference to Presbyterian students with financial need.

Thomas Presidential, established in 1973 by Mrs. Mildred Ferris, awarded annually on a competitive basis to the 20 most outstanding Freshmen.

William W. Upham, established in 1985 by a founding trustee of the college.

Voell Family, established in 1993, awarded annually based on demonstrated financial need.

Ray and Sylvia Weyl, established in 1994, to assist minority and disadvantaged students from Pinellas County, Florida, with special consideration given to Afro-American students.

J.J. Williams, Jr., established in 1959 by Mr. and Mrs. J.J. Williams, Jr. to support candidates for the Presbyterian ministry.

Kell and Mary Williams Church and Campus, established in 1985, awarded annually to an active and committed Christian student, with preference given to students preparing for full-time Christian service.

John W. Woodward Memorial, established in 1967, awarded annually with preference given to students from Gadsden County, Florida.

Bruce R. Zemp Memorial Honors, established in 1983 by William and Noma Zemp in memory of their son. Awarded annually to an outstanding Junior or Senior with financial need with an interest in Business or Communications.

ECKERD COLLEGE MEMORIAL SCHOLARSHIPS

Established to perpetuate the memory of alumni and friends who believed in the importance of a liberal arts education to our society.

Elza Edwin and Gretchen R. Artman (1969)

Betty-Jean Blaney (1997)

Paul and Grace Creswell (1962)

Carl Peter Damm (1963)

Robert B. Hamilton (1959)

Hope Presbyterian Church (1962)

Lowery Howell (1975)

Al Lang and Katherine Fagen Lang (1959)

Ruth Lumsden (1994)

Jane Oesterle (1997)

William Bell Tippetts (1960)

Ross E. Wilson (1974)

SCHOLARSHIPS SUPPORTED BY ANNUAL GIFTS AND GRANTS

These scholarships are awarded through the regular scholarship and financial aid procedures at the college and do not require separate applications.

As the tuition charges for the Program for Experienced Learners are considerably lower than those for the Residential Program, the scholarships supported by annual gifts and grants are awarded only to students in the Residential Program except as noted below.

Ebba Alm, provides annual scholarship support for incoming Freshman male students from Florida with preference given to Dunedin and North Pinellas County. First consideration to applicants interested in the study of medicine, biology, or chemistry.

W. Paul Bateman, first awarded in 1978, provides annual scholarships for outstanding male students.

Clearwater Central Catholic High School, first awarded in 1981, to outstanding graduates of Central Catholic High School in Clearwater, Florida, made possible through gifts of an anonymous donor.

Dana Beck Fancher Scholarship, made possible by a bequest to the First Presbyterian Church of Dunedin, Florida. Scholarships are awarded on the basis of financial need to students from the United States who are not from the Tampa Bay area.

F.I.C.F. provides financial aid to students who maintain good academic standing and are active in campus activities.

First Union Foundation Minority Scholarship, provides financial assistance to minority students based on need and merit.

Florida Power Corporation Minority, provides assistance to minority students on the basis of financial need and merit. First preference is given to students who have completed the ALPHA Leadership Program, which assists African-American students in completing high school and pursuing a college education.

Focardi Great Bay Distributors, first awarded in 1993, provides financial assistance to outstanding students based on need and merit. Eligible recipients are also involved in community service activities.

Franklin/Templeton Funds Scholarship, first awarded in 1995 on the basis of demonstrated financial need to business majors with at least a 3.0 average. Eligible recipients are also involved in community service activities.

Hoerner Family Scholarship, awarded annually to church and campus scholars with first preference to students from First Presbyterian Church of St. Petersburg, Florida.

Holland and Knight Scholarship, first awarded in 1995, awards are made on the basis of need or merit.

George W. Jenkins Scholarship, established in 1988, awarded on the basis of demonstrated financial need.

Marriott Management Service, awarded in memory of Colleen Barry, Kristin Riley, and Stacey Stamatiades, Freshmen at Eckerd College who lost their lives in a 1985 automobile accident.

Marsha and Bert Martin, established in 1997 through the Florida Independent College Fund, is awarded to a senior who is planning a career in health services.

Merchants Association, first awarded in 1988, awarded on the basis of need and merit to students involved in community volunteer activities.

Pepsi-Cola Bottling Company, provides annual scholarships for students with financial need, with preference given to students from Hillsborough, Manatee, Pasco, Pinellas, and Sarasota Counties.

Raymond James and Associates, first awarded in 1986, provides annual scholarships for students with an interest in business.

Selby Foundation, first awarded in 1968, to outstanding students from Florida, with preference given to residents of Sarasota and Manatee Counties.

George and Karla Sherbourne, first awarded in 1986, provides grants to needy students with preference given to residents of Sarasota County, Florida.

Simmons Family Scholarship, established in 1993 by G. Ballard and Deedie Simmons to provide church and campus scholarships with first preference to students from Arlington Presbyterian Church in Jacksonville, Florida.

SouthTrust Bank Scholarship, first awarded in 1995, awards are based on a combination of need and merit. Recipients must maintain at least a 3.0 average and be involved actively in service to the community.

SunBank Minority Scholarship, provides scholarship assistance to minority students with first preference to students from Pinellas County, Florida, who are majoring in business.

Helen Torres Scholarship, first awarded in 1995, to help women who work in order to attend college. The donor, Helen Torres, believes we have a civic responsibility to support the community in which we live and work. First preference is given to applicants from Pinellas County, Florida.

Recipients must be U.S. citizens who are making satisfactory academic progress. Students enrolled in the Program for Experienced Learners are also eligible.

United Parcel Service, established through the Florida Independent College Fund to be awarded based on need and merit.

U.S. Sugar Corporation, established through the Florida Independent College Fund to be awarded based on need and merit.

Lettie Pate Whitehead provides financial aid to students based on need to deserving Christian girls who are residents of Alabama, Florida, Georgia, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee, and Virginia.

LOAN FUNDS

Joseph C. Beck (1987)

Helen Harper Brown (1988)

Gene Samuel Cain (1962)

Sidney N. Trockey (1979)

ENDOWED STUDENT RESEARCH FUNDS

William G. McGarry Fund, in memory of William G. McGarry, a native of St. Petersburg, Florida, respected businessman and civic leader, who had a life-long appreciation for and dedication to the marine environment. Established in 1993 by his family and friends to support student projects involving field research in marine or estuarine science. All marine science majors are eligible to apply.

Eckerd College - BBSR Fellowship, established in 1994 by John and Rosemary Galbraith to provide a summer research fellowship for marine science students at the Bermuda Biological Station for Research.

GRANT PROGRAMS

Grants are non-repayable awards made to students on the basis of specific criteria or skills within the limits of demonstrated financial need. Two important sources of grant funds are the federal government and state governments.

FEDERAL PELL GRANTS

These grants are awarded from federal funds by the Office of Education. Awards are based on need and range from approximately \$400 to \$3,000 depending on federal funding. Application is made through the submission of the Free Application for Federal Student Aid (FAFSA) and listing Eckerd College's code 001487 on the form. The student will receive the Student Aid Report at the student's home, and Eckerd College will receive its copy. The student's account will then be credited for the amount of the student's eligibility.

FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS

These grants are awarded from federal funds and administered by the college. They are limited at Eckerd College to students with exceptional financial need. Application is made through the submission of the FAFSA.

FLORIDA STUDENT ASSISTANCE GRANTS

Florida Student Assistance Grants (FSAG) are awarded on the basis of demonstrated financial need determined by the processing of the Free Application for Federal Student Aid and releasing the information to the State of Florida by the deadline date. Applicants must meet Florida residency requirements and attend college in Florida. The grants are approximately \$1100 per year, depending on the demonstrated need of the applicant and the availability of funds. For renewal, the recipient must earn a 2.0 cum GPA and the complete 24 contact hours in the academic year.

FLORIDA RESIDENT ACCESS GRANT

The Florida Resident Access Grant was established by the State of Florida for residents of the state who enroll in private colleges or universities in Florida. The program provides approximately \$1,600 per year regardless of financial need to help defray the cost of tuition at Eckerd College. To qualify, a student or a parent of a dependent student must have resided in Florida for at least one year. For renewal, the student must maintain a 2.0 cumulative grade point average and complete

24 credit hours during the prior academic year. An application must be submitted to the Financial Aid office yearly.

FLORIDA BRIGHT FUTURES SCHOLARSHIPS

The Florida Bright Futures Scholarship programs are lottery-funded programs awarded to Florida high school graduates who demonstrate high academic achievement, meet residency requirements, and enroll at least half time in an eligible Florida school. Programs are the Florida Academic Scholars Award, Merit Scholars Award, and the Gold Seal Vocational Scholars Award. Each has different academic criteria for eligibility and renewal and a different award amount.

OTHER FLORIDA SCHOLARSHIP AND GRANT PROGRAMS

For a complete listing of Florida scholarship, grant, and teacher education programs, including eligibility criteria and application procedures, please contact the Eckerd College Financial Aid Office. Applicants must be Florida residents.

ECKERD COLLEGE GRANTS

These grants are available to students who rank in the upper one-half of their graduating class and demonstrate financial need. Achievement in various curricular and co-curricular activities is considered. Special consideration is given to the sons and daughters of Presbyterian ministers or missionaries in recognition of the institution's Presbyterian heritage and relationships. Renewal of Eckerd College Grants requires a 2.0 cumulative grade point average.

OTHER SOURCES OF GIFT AID VETERANS' BENEFITS

Eckerd College is approved for the education and training of veterans, service members, and dependents of veterans eligible for benefits under the various V.A. educational programs. Students who may be eligible for V.A. benefits are urged to contact their local V.A. office as soon as accepted by the college, and must file an application for benefits through the Office of the Registrar. No certification can be made until the application is on file. Since the first checks each year are often

delayed, it is advisable for the veteran to be prepared to meet all expenses for about two months. There are special V.A. regulations regarding independent study, audit courses, standards of progress, special student enrollment, dual enrollment in two schools, and summer enrollment. **It is the student's responsibility to inquire to the V.A. office concerning special regulations and to report any change in status which affects the rate of benefits.**

A student's V.A. education benefits will be terminated if he/she remains on probation for more than two consecutive semesters/terms as mandated by The Department of Veterans Affairs.

CHURCH, CIVIC, AND BUSINESS SCHOLARSHIPS

In many local communities, scholarships are provided each year by various church, civic and business organizations to children of members, citizens, and employees. Students are encouraged to seek private scholarships. Information is available at your local library and in the Eckerd College Career Services and Financial Aid offices.

LOAN PROGRAMS

Many families whose current income and savings are not sufficient to finance college expenditures borrow funds through low interest educational loans to supplement their financing plans.

FEDERAL STAFFORD LOANS (formerly Guaranteed Student Loans)

Federal Stafford Loan applications are available from banks and lending agencies, and from the Eckerd College Financial Aid office. Depending upon eligibility, Freshmen may borrow up to \$2,625 per year; Sophomores may borrow up to \$3,500 per year; and Juniors and Seniors may borrow up to \$5,500 per year not to exceed \$23,000 in their undergraduate work for educational expenses. Students must submit a Free Application for Federal Student Aid to establish eligibility. The interest rate is variable yearly not to exceed 8.25 percent, and new borrowers have a six months grace period following termination of at least half-time school attendance before repayment must begin. During the time the student is in school and during the grace period, the federal government will pay the interest on behalf of the student to the

lender. Withdrawal from college for one semester will cause the six months grace period to lapse and repayments to fall due. Repayment following the termination of the grace period will be at least \$50 per month. Deferment from payment is allowed for the return to school at least halftime enrollment for new borrowers, or for other specified conditions. Families interested in the program should contact the Financial Aid office for a loan application and current information. The processing of Stafford Loan applications requires twelve to sixteen weeks.

UNSUBSIDIZED FEDERAL STAFFORD LOAN

Unsubsidized Federal Stafford Loans may be available to students who do not qualify for need-based Stafford Loans. Unsubsidized Federal Stafford Loans carry the same yearly loan limits, interest rate, aggregate limit, and deferment provisions for new borrowers as do the Federal Stafford Loans (see above). Independent students may borrow a larger sum if otherwise eligible. However, with the Unsubsidized Federal Stafford, interest will accrue following the loan disbursements, and the student is responsible for the interest to the lending institution while the student is in school and during the grace period. During these periods, the interest may either be paid regularly or may be capitalized (added to the principal) to be paid later with the principal payments. The principal payments may be deferred (postponed) while the student is in school and during the grace period. Students might qualify for a partial Federal Stafford Loan on the basis of demonstrated need and receive the remainder up to the yearly limit (see above) in an Unsubsidized Federal Stafford. Students interested in the program should contact the Financial Aid office. The processing of Unsubsidized Federal Stafford Loan applications requires twelve to sixteen weeks.

FEDERAL PERKINS LOANS

The Federal Perkins Loan (formerly the National Direct Student Loan program) is administered by the college from federal and college funds. To qualify for a Federal Perkins Loan, the student must apply to the college and demonstrate financial need. No interest will accrue until the beginning of the repayment period, nine months for new borrowers, following termination of at

least half-time school attendance. Interest charges during the repayment period are only five percent per year on the unpaid balance.

FEDERAL PLUS LOANS

Under this program parents may borrow for educational purposes up to the cost of education without regard to need, but other assistance awarded the student will be taken into account. The college recommends that the parent(s) borrow no more than is absolutely necessary. A separate application is required for certification by the Financial Aid office and submission to your lending institution. The interest rate is variable yearly but cannot exceed 9 percent and repayment begins within sixty days of disbursement of the proceeds of the loan. Additional information and applications are available in the Financial Aid office.

INSTITUTIONAL LOANS

Eckerd College has limited institutional loan funds available, usually for exceptional need situations. For details, contact the Financial Aid office.

MONTHLY PAYMENT PROGRAMS

Monthly payments may be arranged without interest, and very minimal fee by the family through selected companies. Contact the Student Accounts office, Eckerd College for current information.

EMPLOYMENT

The Career Services office assists students in finding part-time employment on or off campus. Preference is given to students who demonstrate financial need. Campus employment opportunities include work as a clerk or secretary, a food service employee, a custodian or maintenance worker, lifeguard, or a laboratory assistant. Information on off-campus jobs is available through the Career-Services office.

FEDERAL WORK-STUDY PROGRAM

Students may qualify for this program on the basis of need by submitting a Free Application for Federal Student Aid, and may work on campus seven to fifteen hours per week. Eligible students may have the opportunity to perform community

service through the work-study program. Students should contact the Career Services office concerning available community service jobs.

FLORIDA WORK EXPERIENCE PROGRAM

A student who is a Florida resident, enrolled at least half-time, and who demonstrates need may qualify for this work program. Jobs are available off campus and must be career related. Wages and hours may vary. The State of Florida will reimburse the student's public school employer for one hundred percent of the wages, or other employers, seventy percent of the wages. The Career Services office will assist with placement and with the completion of a special contract.

RENEWAL CRITERIA

Financial aid to a student at Eckerd College may be renewable on an annual basis. All Eckerd college grants and most aid from other sources require a minimum cumulative grade point average of 2.0 for renewal. The Free Application for Federal Student Aid (FAFSA) must be completed each year prior to **March 1** for the following academic year. All students who are eligible to return for a subsequent year (except international students requiring I-20 forms) are eligible for consideration for need-based financial aid. Awards from all sources may vary from year to year based on criteria established by the college and other private or public agencies.

APPEAL PROCESS

Appeals for financial aid awards or any financial aid question, may be made in writing. To facilitate the appeal process, the entering student may contact the Coordinator of New Student Aid and the returning student may obtain and return an appeal form from the Financial Aid office. Appeals are reviewed by the Financial Aid Appeals Committee.

STUDENT CONSUMER INFORMATION

ATHLETIC DISCLOSURES

Eckerd College has available, upon request, information concerning the institution's athletic activities. Reports of total revenue and total expenses for athletic activities may be obtained. Please contact the Financial Aid office at Eckerd College for a copy of the reports.

EQUITY IN ATHLETIC DISCLOSURES

Eckerd College has available yearly reports concerning expenses, athletically-related student aid, and other information related to men's and women's teams. Please contact the Financial Aid office at Eckerd College for a copy of the reports.

CAMPUS SAFETY

The Campus Safety Manual provides the institution's policies toward safety measures, indicates prevention and educational programs, and lists crime statistics for the institution. A copy of the Campus Safety Manual may be obtained from the Campus Safety office at Eckerd College.

GRADUATION RATES

Information concerning graduation rates at Eckerd College is available upon request. Graduation rates for students who receive athletically-related aid are also available. Contact the Office of Institutional Research and Planning for a copy of the report.

EXPENSES

Eckerd College is a private, non-tax-supported institution. Tuition and fees pay only a portion (approximately 62 percent) of the educational costs per student. Thanks to the support of donors, the balance of costs is paid from endowment income and gifts from individuals, the Presbyterian Churches, and various corporations.

The following schedules list the principal expenses and regulations concerning the payment of fees for the academic year 1997-98. All fees and expenses listed below are those in effect at the time of publication of the catalog. They are subject to change by the action of the Board of Trustees. When such changes are made, notice will be given as far in advance as possible.

COMPREHENSIVE CHARGES

The annual fees for full-time students for the 1998-99 academic year include two semesters and one short term (autumn term for Freshmen, winter term for upperclassmen).

	Resident	Commuter
Tuition	\$17,500 ¹	\$17,500
Room and Board	4,810 ²	
Total	<u>\$22,310</u>	<u>\$17,500</u>

¹The full-time tuition fees cover a maximum of ten (10) course registrations plus one short term during the academic year provided that no more than five courses are taken per semester. Students registering for more than five courses per semester or ten courses per year plus a short term course will be charged an additional tuition of \$1,870 per course. A student registering for a year-long course may register for six courses in one semester and four in the other with no additional charges.

²Students with home addresses outside the immediate vicinity of the college are requested to live on campus. Exceptions to the requirement may be made with the approval of the Director of Housing. Since resident students are required to participate in the board plan, all resident students will be charged for both room and board.

A Students' Organization Fee of approximately \$185 per academic year is collected in addition to the above charges. Cost of books and supplies will be approximately \$500 per semester.

TUITION AND TERM FEES

Tuition, full-time per semester:	\$7,815
Tuition, autumn or winter term:	\$1,870
Students' Organization Fee, per year:	\$185

ROOM AND BOARD

Room	Fall and short term	Spring
Double occupancy, each	\$1,255	\$985
Double room single occupancy	2,078	1,632
Single room	1,776	1,394
Triple room	919	721
Corner Double	1,374	1,078
Apartment Complex	1,524	1,196

Base room rate (\$1,255 and \$985) has been included in Comprehensive Charges. Charges above the base rate for single occupancy of double room or for single room will be added to Comprehensive Charges.

Room Damage Deposit: \$50.00. This deposit is required in anticipation of any damage which may be done to a dormitory room. If damage is in excess of the deposit, the balance will be charged to the student's account. Any balance left of the deposit will be refunded to the student upon leaving college.

Board	Short Term	Fall Sem.	Spring Sem.	Sales Tax	Total Cost
21-meal	\$290	\$1,056	\$1,056	\$168	\$2,570
15-meal	266	972	972	155	2,365
10-meal	248	925	925	145	2,243

FEE FOR PART-TIME STUDENTS

Tuition per course: \$ 1,870

Students are considered part-time when they enroll for fewer than three courses per semester.

OVERLOAD FEE

Tuition per course: \$ 1,870

Fee for students enrolling in more than five courses per semester or ten courses per year plus a short term.

AUDITOR’S FEE

Tuition per course: \$465
(no credit or evaluation)
Full-time students may audit courses without fee with the permission of the instructor.

LAB FEE \$50

A fee assessed all students participating in a scientific laboratory.

PET FEE \$50

Additional charge for pet on campus.

FEES FOR SPECIAL PRIVILEGE

Late payment after registration day:
A financial charge will be assessed on all outstanding balances after registration date. The rate will be variable quarterly to 4.5% above the 13-week Treasury Bill rate.
Late physical examination (for new students who have not had physical examination by registration day): \$50.

LATE REGISTRATION/
FINANCIAL CLEARANCE FEE \$100

A fee accessed to all students not participating in the Registration/Financial Clearance held in the library for fall and spring terms.

MISCELLANEOUS FEES

Acceptance Fee (new students): \$100
A fee required of new students upon acceptance by Eckerd College. This fee is not refundable and will be applied against the comprehensive charge.
Application Fee (new students): \$25
This fee accompanies the application for admission submitted by new students.
Credit by Examination Fee: \$935
A fee for an examination to determine proficiency in a particular subject to receive course credit.

Health Insurance:

Accident Insurance (Plan I) is provided by the college and covers the student for the academic year (9 months) at no charge. All full-time students are automatically enrolled in the major medial (Plan II) expanding the accident insurance to cover sickness as well as accidents for a full 12 months. **Participation in this plan is automatic unless a signed waiver card is returned to the business office.**
Plan II: \$80

Lost Key Fee: \$40
Resident students are issued keys to their rooms. The fee for replacing a lost key is \$40.

Orientation Fee: (Freshmen only): \$100
This fee partially covers the additional cost of special orientation activities provided for Freshmen.

Re-Examination Fee: \$200
A fee for a re-examination of course material.

Transcript Fee: \$2
There is a \$2 charge per transcript.

Transfer Students Orientation Fee: \$40

Applied Music Fees:

These fees apply even though music lessons are not taken for credit, and are fees in addition to regular tuition charges.

	Semester	Year
One hour per week	\$535	\$1,070
One half hour per week	\$268	\$536

HEALTH INSURANCE

Accident Insurance (Plan I) is provided by the college and covers the student for the academic year (9 months) at no charge. All full-time students are automatically enrolled in the major medial (Plan II) expanding the accident insurance to cover sickness as well as accidents for a full 12

months. Participation in this plan is automatic unless a signed waiver card is returned to the business office.

Plan II: \$80

METHODS OF PAYMENT

Students should come prepared to pay all charges on the day of registration or should have payments from home mailed to reach the Eckerd College business office at least two weeks prior to the date of registration. No student shall be permitted to register for a given semester until all indebtedness for prior terms has been paid in full. Mastercard, Visa, American Express, and Discover payments are accepted by telephone or written request.

Students who have unpaid bills at the college are subject to dismissal from the college and, as long as such payments remain unpaid, may not receive transcripts of credit or any diploma.

Eckerd College does not have a deferred payment plan. Students desiring monthly payment plans must make arrangements through the following company.

Eduserv Technologies, Inc. P.O. Box 3011
Winston-Salem, N.C. 27102-3011 (800) 851-4770

All arrangements and contracts are made directly between the parent and the tuition financing company.

SHORT-TERM LOANS

The college has limited funds for emergency short-term loans up to \$50. These loans must be paid within a maximum thirty day period. Students should apply to the Business office for such loans.

NON-ENROLLMENT FOR THE WINTER OR AUTUMN TERM

If a student does not enroll for the winter or autumn short term, the Federal Pell Grant, Federal Supplemental Educational Opportunity Grant, Federal Perkins Loan, and the Eckerd College grant and scholarship awards will be reduced by 12 percent of the yearly award. Also, as the cost of education will be reduced, it may be necessary to reduce other need-based assistance. These policies will stand even though the student may make up the winter or autumn term credit in another term or semester.

DIRECTED STUDY, INDEPENDENT STUDY AND FINANCIAL AID

If a student who is receiving financial aid is enrolled in only Directed Study or Independent Study courses and the student is not enrolled in an Eckerd College travel abroad program the enrollment will be reviewed. The student may receive a markedly reduced cost of education with a greatly reduced financial aid package.

POLICIES AND PROCEDURES FOR STUDENTS WHO WITHDRAW FROM SCHOOL

GENERAL PROCEDURES

1. Complete a withdrawal form in the Student Affairs office
2. Have the withdrawal form signed in the Financial Aid office. If you have been awarded the Federal Stafford Loan, you must have exit counseling.
3. If you have been awarded the Federal Perkins Loan or an institutional loan, you must complete exit counseling for those loans in the Student Loan office located in the Business office.
4. Return the withdrawal form to the Student Affairs office and schedule an appointment for a brief interview with the Dean of Students.
5. Go to the Housing office and complete a room inventory.
6. Go to the Student Accounts office to determine the status of your account, and determine what refunds must be returned to applicable assistance programs and, if applicable, to the student (see pertinent information in sections below).

Please note additional information in the Eckerd College Financial Guide concerning withdrawal policies and procedures.

CANCELLATION AND WITHDRAWAL POLICY FOR ALL STUDENTS

All charges for a term will be canceled, except the \$100 non-refundable reservation deposit after May 1, and payments will be refunded if a written cancellation request is received prior to the first day of classes for that term. Also, a full refund of tuition and registration fees paid prior to the commencement of classes for that term will be made if a student submits a written request of cancellation to the Student Accounts office within three working days of the payment.

CHARGES AND CREDITS FOR STUDENTS WITHDRAWING WITH NO FEDERAL FINANCIAL AID

First, see if the *Cancellation and Withdrawal Policy for all Students* applies. If not, students withdrawing from Eckerd with no federal financial aid will receive credit for tuition for the semester as follows:

Within 7 days	75%
Within 15 days	50%
Within 25 days	25%
After 25 days	No Credit

Students withdrawing within 15 calendar days of the first day of a short term (autumn/winter terms), except new students at Eckerd with federal financial aid, will receive credit for tuition as follows:

Within 7 days	50%
Within 15 days	25%
After 15 days	No Credit

Room charges for resident students will not be canceled for the semester of withdrawal. Any portion of a meal ticket will be credited on a pro-rata basis in whole weeks only.

Institutional grants and scholarship credits will be pro-rated on the same percentage basis as the tuition credit listed above for a semester or short term.

CHARGES AND CREDITS FOR STUDENTS WITHDRAWING WHO HAVE FEDERAL, STATE, OR ECKERD COLLEGE FINANCIAL AID

First, see if the *Cancellation and Withdrawal Policy for all Students* applies. If not, use the specific federal formula which applies, depending on whether the student is a new student or a continuing student at Eckerd College, to calculate the charges and credits for tuition, fees, room, and board.

SPECIAL GUIDELINES FOR NEW STUDENTS WHO WITHDRAW AND WHO HAVE FEDERAL, STATE, OR ECKERD COLLEGE FINANCIAL AID

It is important to note that a new student who withdraws during a semester will typically owe a balance to the college because of the loss of aid and because only a certain percentage of charges are canceled.

If a new student at Eckerd with financial aid withdraws during the semester, the guidelines below will apply:

- Eckerd College Grants or Scholarships will be pro-rated based on whole weeks only through 60% of the billing period.
- Florida aid will be granted only if the withdrawal occurs after the end of the drop/add period for the semester.
- Whether or not federal aid is granted is dependent on a specific federal formula which is applied to new students at Eckerd College through 60% of the billing period. The charges and credit for tuition, fees, room, and board will be generally proportioned through 60% of the billing period. Then the federal formula is applied to determine whether funds must be returned from the student's account to federal and other aid accounts in the following order:
 - Federal Unsubsidized Stafford Loan
 - Federal Stafford Loan
 - Federal PLUS Loan
 - Federal Perkins Loan
 - Federal Pell Grant
 - Federal Supplemental Educational Opportunity Grant

Other Title IV assistance
Other federal, state, private, or
institutional programs

If the student has unpaid charges to Eckerd College, any portion of a refund that was to be returned to the student will first be applied to the unpaid charges to Eckerd.

Additional student information and sample calculations are available in the Financial Aid office.

SPECIAL GUIDELINES FOR CONTINUING STUDENTS WITHDRAWING WHO HAVE FEDERAL, STATE, OR ECKERD COLLEGE FINANCIAL AID

It is important to note that a continuing student who withdraws during a semester will typically owe a balance to the college because of the loss of aid and because only a certain percentage of charges are canceled.

If a continuing student with financial aid withdraws during the semester, the guidelines below will apply:

- Eckerd College Grants or Scholarships will be pro-rated based on whole weeks only through 50% of the billing period.
- Florida aid will be granted only if the withdrawal occurs after the end of the drop/add period for the semester.
- Whether or not federal aid is granted is dependent on a specified federal formula which is applied to continuing students at Eckerd College through 50% of the billing period. The charges and credit for tuition, fees, room, and board will be generally proportioned through 50% of the billing period. Then the federal formula is applied to determine whether funds must be returned from the student's account to federal and other aid accounts in the following order:
 - Federal Unsubsidized Stafford Loan
 - Federal Stafford Loan
 - Federal PLUS Loan
 - Federal Perkins Loan
 - Federal Pell Grant
 - Federal Supplemental Educational Opportunity Grant
 - Other Title IV assistance

Other federal, state, private, or
institutional programs

If the student has unpaid charges to Eckerd College, any portion of a refund that was to be returned to the student will first be applied to the unpaid charges to Eckerd.

Additional student information and sample calculations are available in the Financial Aid office.

POLICIES FOR STUDENTS WITH FEDERAL ASSISTANCE WHO RECEIVED A CASH DISBURSEMENT BEFORE WITHDRAWING

If a student withdraws from school with federal assistance and has received a cash disbursement from any of the following funds before withdrawing, special rules apply:

Federal Perkins Loan
Federal Pell Grant
Federal Supplemental Opportunity Grant

Eckerd College will determine whether the cash disbursement made to the student for non-institutional living expenses amounts to an overpayment of federal Title IV funds.

Through the first 14 calendar days of the semester, the school will determine if the cash disbursement was proportionately greater than the student's non-institutional living expenses up to the withdrawal date.

A book and supply allowance will be permitted to the student and will be excluded from the federal formula. Also, extenuating circumstances may be taken into account.

In determining whether an excess amount has been provided for non-institutional living expense during the first 14 calendar days of the semester, the school will use a specified federal formula. If excess funds have been received the student must repay the excess amount to the appropriate federal account(s) in the following order:

Federal Perkins Loan
Federal Pell Grant
Federal Supplemental Educational Opportunity Grant
Other Title IV assistance
Other federal, state, private, or
institutional programs

However, after the first 14 calendar days of the semester, no further proration will be applied and all cash disbursed will be considered fully needed for the student's non-institutional expenses.

STUDENT/PARENT APPEAL PROCESS OF WITHDRAWAL POLICIES

Any student or parent may appeal any decision made concerning a refund of Title IV Federal assistance in relation to the withdrawal policies described above. The appeal may be addressed to the Director of Financial Aid at the Financial Aid office, Eckerd College.

WITHHOLDING OF TRANSCRIPTS FOR STUDENTS WHO DEFAULT ON LOANS OR OWE A STUDENT ACCOUNT BALANCE

Students who default on any Federal Title IV Loan or an Eckerd College institutional loan will have their academic transcript at Eckerd College withheld. The Registrar may not release the academic transcript until the college receives notification in writing from the applicable guarantee agency, the Department of Education, or other holder of the defaulted loan, that the default status have been resolved.

Federal Title IV Loans affected by this policy are as follows:

- Federal Perkins Loan
- Federal Stafford Loan
- Federal Unsubsidized Stafford Loan
- Federal Supplemental Loan for Students (SLS) (prior borrowers)
- Federal Plus Loan

Institutional loans affected by this policy are:

- Oberg
- Frueauff
- Noyes
- Selby
- Ben Hill Griffin
- Trockey
- Helen Harper Brown
- Beck Donor

Students in default status on any Federal Title IV Loan who request a Financial Aid Transcript will have the default status noted on the form.

Students in default on any Federal Title IV Loan may receive no additional federal assistance at any school until the default status is resolved.

To resolve the default status, the borrower holding a Federal Perkins Loan or institutional loan should contact the Eckerd College Student Loan office.

The borrower holding a defaulted Stafford, SLS or PLUS Loan should contact the lender and guarantee agency. Provisions may be obtained for satisfactory arrangements for repayment to resolve the default status. Also, consolidation of federal loans or other avenues may be available to resolve the default status.

The Registrar's office will also withhold the academic transcript for the students who withdrew or graduated from Eckerd College owing a balance on their student account. To resolve the debt, the student should contact the Student Accounts office.

THE FACULTY OF ECKERD COLLEGE

Faculty of the Collegium of Behavioral Science

Tom Oberhofer

Chair, Behavioral Science Collegium
Professor of Economics
B.S., Fordham University
M.A., Ph.D., Rutgers University

Anthony R. Brunello

Chair, Foundations Collegium
Associate Professor of Political Science
B.A., University of California, Davis
M.S., Ph.D., University of Oregon

Salvatore Capobianco

Professor of Psychology
B.A., M.A., University of Kansas
Ph.D., Rutgers University

Mark H. Davis

Associate Professor of Psychology
B.A., University of Iowa
Ph.D., University of Texas, Austin

William F. Felice

Assistant Professor of Political Science
B.A., University of Washington
M.A., Goddard College
Ph.D., New York University

Michael G. Flaherty

Professor of Sociology
B.A., M.A., University of South Florida
Ph.D., University of Illinois

Diana L. Fuguitt

Associate Professor of Economics
B.A., Eckerd College
M.A., Ph.D., Rice University

Edward T. Grasso

Associate Professor of Decision Sciences
B.A., B.S., M.B.A., Old Dominion University
Ph.D., Virginia Polytechnic Institute and State University

Jennifer Anne Hall

Assistant Professor of Psychology
B.S., Trinity College
M.A., Ph.D., University of Connecticut

Peter K. Hammerschmidt

Professor of Economics
B.S., M.S., Ph.D., Colorado State University

James R. Harley

Professor of Physical Education
Director of Athletics
B.S., Georgia Teachers College
M.A., George Peabody College

John Patrick Henry

Associate Professor of Sociology
B.S., University of South Carolina
M.A., Ph.D., University of Massachusetts

Jeffery A. Howard

Associate Professor of Psychology
B.A., Valparaiso University
M.S., Ph.D., Kansas State University

Shiping Hua

Assistant Professor of Political Science
B.A., Tianjin Foreign Language Institute, China
M.L., Chinese Academy of Social Sciences
Ph.D., University of Hawaii

Linda L. Lucas

Professor of Economics
B.A., University of Texas, Austin
Ph.D., University of Hawaii

James M. MacDougall

Professor of Psychology
B.S., Highlands University, New Mexico
M.A., Ph.D., Kansas State University

Mary K. Meyer

Associate Professor of Political Science
B.A., M.A., University of South Florida
Ph.D., University of Massachusetts

Donna Marie Oglesby

Diplomat in Residence
B.A., Washington College
M.A., Columbia University

Donna A. Trent

Assistant Professor of Management
B.A., Newcomb College
M.Ed., M.S., Ph.D., Tulane University

William E. Winston

Professor of Sociology
B.A., Central Washington University
M.A., Ph.D., Washington State University

Faculty of the Collegium of Comparative Cultures

William H. Parsons

Chair, Comparative Cultures Collegium
Professor of History and Russian Studies
B.A., Grinnell College
M.A., Harvard University
Ph.D., Indiana University

Victoria J. Baker

Associate Professor of Anthropology
B.A., Sweet Briar College
B.A., M.A., Ph.D., University of Leiden, Netherlands

Joseph M. Bearson

Associate Professor of Marketing and International Business
B.A., Brandeis University
M.B.A., Columbia University

Thomas J. DiSalvo

Associate Professor of Spanish
B.A., Hillsdale College
M.A., Middlebury College, Spain
Ph.D., University of Wisconsin

Lee B. Hilliker

Assistant Professor of French
B.A., University of Florida
M.A., Florida State University
Ph.D., Duke University

Margarita M. Lezcano

Associate Professor of Spanish
B.A., Florida International University
M.A., University of Florida
Ph.D., Florida State University

Naveen K. Malhotra

Associate Professor of Management and Finance
M.B.A., University of Tampa
Ph.D., University of South Florida

Yolanda Molina-Gavilan

Assistant Professor of Spanish
B.A., University of Wisconsin
M.A., University of Oregon
Ph.D., Arizona State University

Martha B. Nichols-Pecceu

Assistant Professor of French
B.A., Centre College
M.A., Ph.D., Duke University

Vivian A. Parsons

Assistant Professor of Russian
B.A., Brandeis University
M.A.T., Harvard University

William Pyle

Harold D. Holder Professor of Management and International Business
B.B.A., University of Notre Dame
M.A., Butler University
Ph.D., University of Michigan

Hendrick Serrie

Professor of Anthropology and International Business
B.A., University of Wisconsin
M.A., Ph.D., Northwestern University

Steven L. Sizoo

Assistant Professor of Management and International Business
B.S., University of Southern California
M.B.A., University of Southern California

Faculty of the Collegium of Creative Arts

Marion Smith

Chair, Creative Arts Collegium
Associate Professor of Music
B. Mus., Xavier College
M.A., Washington State University
Ph.D., Washington University, St. Louis

Albert Howard Carter, III

Professor of Comparative Literature and Humanities
B.A., University of Chicago
M.A., Ph.D., University of Iowa

Nancy Corson Carter

Professor of Humanities
B.A., Susquehanna University
M.A., Ph.D., University of Iowa

Ginger Clark

Farris and Victoria Rahall Associate Professor of Communication
B.S., M.S., Florida State University
Ph.D., Indiana University

Joan Osborn Epstein
Professor of Music
 B.A., Smith College
 M.M., Yale University School of Music

Sandra A. Harris
Associate Professor of Human Development
 B.S., M.S., Ph.D., Virginia
 Commonwealth University

Nancy G. Janus
Associate Professor of Human Development
 B.A., Wells College
 M.Ed., University of Hartford
 Ed.D., University of Massachusetts

Brian Ranson
Assistant Professor of Visual Arts
 B.F.A., New York State College of
 Ceramics
 M.A., University of Tulsa
 M.F.A., Claremont Graduate School

Richard A. Rice
Professor of Theatre
 B.A., University of Denver
 M.A., Columbia University
 Ph.D., University of Utah

Arthur N. Skinner
Associate Professor of Visual Arts
 B.A., Eckerd College
 M.V.A., Georgia State University

Claire A. Stiles
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1981	Julienne H. Empric <i>Professor of Literature</i>	1990	J. Peter Meinke <i>Professor of Literature</i>
1982	J. Thomas West <i>Professor of Psychology and Human Development Services</i>	1991	Carolyn Johnston <i>Professor of American Studies</i>
1983	A. Howard Carter, III <i>Professor of Comparative Literature and Humanities</i>	1992	Diana Fuguitt <i>Associate Professor of Economics</i>
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1985	Molly K. Ransbury <i>Professor of Education</i>	1994	Olivia H. McIntyre <i>Associate Professor of History</i>
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1988	Tom Oberhofer <i>Professor of Economics</i>	1997	Victoria J. Baker <i>Associate Professor of Anthropology</i>
		1998	David Kerr <i>Assistant Professor of Mathematics</i>

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1997	Kathryn J. Watson <i>Professor of Education and Associate Dean for Faculty Development and Intergenerational Education</i>

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CALENDAR OF EVENTS 1998–1999

AUTUMN TERM

Fri., Aug. 7	Freshmen arrive. Financial clearance and registration before 3:00 p.m.
Sat., Aug. 8	Autumn term begins.
Wed., Aug. 19	Completed Freshmen preference sheets for fall semester courses are returned to Registrar.
Tues., Aug. 25	Residence houses open at 9:00 a.m. for new students for fall semester.
Wed., Aug. 26	Orientation for new students.
Fri., Aug. 28	End of autumn term.

FALL SEMESTER

Thurs., Aug. 27	Residence houses open to returning upperclass students at 9:00 a.m. New students: Mentor assignment, registration.
Fri., Aug. 28	Registration and financial clearance for fall semester.
Mon., Aug. 31	Fall semester begins at 8:00 a.m.
Wed., Sept. 2	Opening Convocation, 1:30 p.m.
Thurs., Sept. 10	End of drop/add period for fall semester courses.
Mon.-Tues., Oct. 5-6	Midterm holiday
Fri., Oct. 9	All students fill out preference sheets for winter term and return them to the Registrar.
Fri., Oct. 23	Last day to withdraw from fall semester courses with W grade, or change from audit to credit.
Wed., Nov. 4	All students fill out preference sheets for spring semester courses and return them to the Registrar.
Thurs.-Fri., Nov. 26-27	Thanksgiving holiday; no classes
Fri., Dec. 4	Last day of classes
Mon.-Fri., Dec. 7-11	Examination period
Sat., Dec. 12	Christmas recess begins. Residence houses close at noon.

WINTER TERM

Sun., Jan. 3	Residence houses open at noon.
Mon., Jan. 4	Financial clearance for all new students. New student registration/orientation for winter term. <u>Returning students do not need to check in with Registrar.</u>
Tues., Jan. 5	Winter term begins. <u>All projects meet first day of winter term.</u>
Wed., Jan. 6	Last day to enter winter term; end of drop/add period; last day to change project or withdraw from winter term with W grade.
Mon., Jan. 18	Martin Luther King day, no classes.
Thurs.-Fri., Jan. 28-29	First comprehensive examination period.
Fri., Jan. 29	Winter term ends.

SPRING SEMESTER

Sun., Jan. 31	Residence houses open at noon.
Mon., Feb. 1	New and returning students arrive. New student orientation. Financial clearance and registration for spring semester, all students.
Tues., Feb. 2	Spring semester begins at 8:00 a.m.
Thurs., Feb. 11	End of drop/add period for spring semester courses.
Fri., Feb. 19-Feb. 21	Family Weekend
Sat., Mar. 27	Spring recess begins.
Mon., April 5	Students return.
Tues., April 6	Classes resume at 8:00 a.m.
Thurs., April 8	Mentor conferences and contracts for 1999-2000
Fri., April 9	Last day to withdraw from spring semester courses with W grade, or change from audit to credit.
Wed., April 14	All students fill out preference sheets for fall semester courses, 1999, and return them to the Registrar
Thurs.-Fri., April 22-23	Second comprehensive examination period.
Fri., May 14	Last day of classes
Mon.-Fri., May 17-21	Examination period
Sat., May 22	Baccalaureate. Residence houses close at 5:00 pm. for non-Seniors who are not attending commencement.
Sun., May 23	Commencement
Mon., May 24	Residence houses close at 4:00 pm. for all students.

SUMMER TERM

May 31-July 23	Summer term
May 31-June 25	Session A
June 28-July 23	Session B

CALENDAR OF EVENTS 1999-2000

AUTUMN TERM

Fri., Aug. 13	Freshmen arrive. Financial clearance and registration before 3:00 p.m.
Sat., Aug. 14	Autumn term begins.
Wed., Aug. 25	Completed Freshmen preference sheets for fall semester courses are returned to Registrar.
Tues., Aug. 31	Residence houses open at 9:00 a.m. for new students for fall semester.
Wed., Sept. 1	Orientation for new students.
Fri., Sept. 3	End of autumn term.

FALL SEMESTER

Thurs., Sept. 2	Residence houses open to returning upperclass students at 9:00 a.m. New students: Mentor assignment, registration.
Fri., Sept. 3	Registration and financial clearance for fall semester.
Mon., Sept. 6	Fall semester begins at 8:00 a.m.
Wed., Sept. 8	Opening Convocation, 1:30 p.m.
Thurs., Sept. 9	End of drop/add period for fall semester courses.
Mon.-Tues., Oct. 11-12	Midterm holiday
Fri., Oct. 15	All students fill out preference sheets for winter term and return them to the Registrar.
Fri., Oct. 29	Last day to withdraw from fall semester courses with W grade, or change from audit to credit.
Wed., Nov. 10	All students fill out preference sheets for spring semester courses and return them to the Registrar.
Thurs.-Fri., Nov. 25-26	Thanksgiving holiday; no classes
Fri., Dec. 10	Last day of classes
Mon.-Fri., Dec. 13-17	Examination period.
Sat., Dec. 18	Christmas recess begins. Residence houses close at noon.

WINTER TERM

Sun., Jan. 2	Residence houses open at noon.
Mon., Jan. 3	Financial clearance for all new students. New student registration/orientation for winter term. <u>Returning students do not need to check in with Registrar.</u>
Tues., Jan. 4	Winter term begins. <u>All projects meet first day of winter term.</u>
Wed., Jan. 5	Last day to enter winter term; end of drop/add period; last day to change project or withdraw from winter term with W grade.
Mon., Jan. 17	Martin Luther King day, no classes.
Thurs.-Fri., Jan. 27-28	First comprehensive examination period.
Fri., Jan. 28	Winter term ends.

SPRING SEMESTER

Sun., Jan. 30	Residence houses open at noon.
Mon., Jan. 31	New and returning students arrive. New student orientation. Financial clearance and registration for spring semester, all students.
Tues., Feb. 1	Spring semester begins at 8:00 a.m.
Thurs., Feb. 10	End of drop/add period for spring semester courses.
Fri., Feb. 25 - Feb. 27	Family Weekend
Sat., Mar. 25	Spring recess begins.
Mon., April 3	Students return.
Tues., April 4	Classes resume at 8:00 a.m.
Thurs., April 6	Mentor conferences and contracts for 2000-2001
Fri., April 7	Last day to withdraw from spring semester courses with W grade, or change from audit to credit.
Wed., April 12	All students fill out preference sheets for fall semester courses, 1999, and return them to the Registrar
Thurs.-Fri., April 13-14	Second comprehensive examination period.
Fri., April 21	Good Friday, no classes
Fri., May 12	Last day of classes
Mon.-Fri., May 15-19	Examination period
Sat., May 20	Baccalaureate. Residence houses close at 5:00 p.m. for non-Seniors who are not attending commencement.
Sun., May 21	Commencement
Mon., May 22	Residence houses close at 4:00 p.m. for all students.

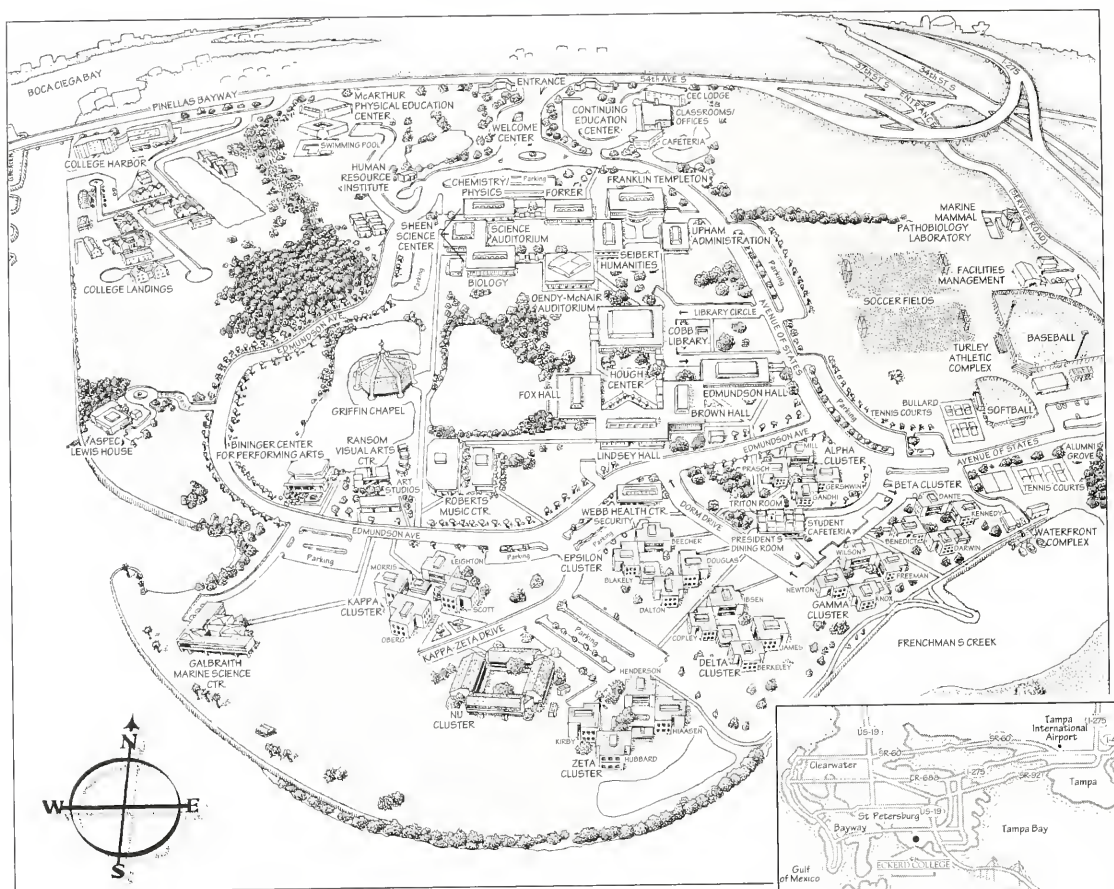
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May 29-June 23	Session A
June 26-July 21	Session B

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Only from a campus visit can you judge if the school and your expectations “fit.”

Plan to take a campus tour, sit in on a class visit with our professors and students, and take time to see the area.

Also, try to visit when classes are in session. Check the academic calendar before planning your visit. We ask only one thing of you: give us some advance notice of your arrival. Call us or drop us a line—the Admissions staff will be happy to work with you.

The Admissions office is open from 8:30 am to 5:00 pm on weekdays, from 9:00 am to noon on Saturday; summer hours are weekdays 8:30 am to 5:00 pm.

For best results, please direct all correspondence prior to your acceptance to the Dean of Admissions.



CORRESPONDENCE DIRECTORY

For prompt handling, please address inquiries as indicated below:

Academic Affairs	<i>Dean of Faculty</i>
Adult Programs	<i>Dean of Special Programs</i>
Admissions	<i>Dean of Admissions</i>
Alumni Relations	<i>Director of Alumni Relations</i>
Business Affairs	<i>Vice President for Finance</i>
Events at the College	<i>Director of Public Relations</i>
Financial Aid to Students	<i>Director of Financial Aid</i>
Financial Assistance to the College	<i>Vice President for Development</i>
Payment of Fees	<i>Student Accounts</i>
Student Housing, Interests, and Counseling	<i>Dean of Students</i>
Summer School	<i>Coordinator, Summer School</i>
Transcripts, Grades, and Academic Achievement	<i>Registrar</i>

Visitors are welcome to Eckerd College. The administration offices are open Monday through Friday from 8:30 am to 5:00 pm. Visitors desiring interviews with members of the staff are urged to make appointments in advance.

ECKERD COLLEGE

4200 54th Avenue South, St. Petersburg, Florida 33711
Telephone (727) 867-1166 or (800) 456-9009 (Admissions)

<http://www.eckerd.edu>
admissions@eckerd.edu



ECKERD COLLEGE
St. Petersburg, Florida